viton

# PRODUCT RANGE GUIDE

Revision 11/2026

# Dear customers and partners,

In my day-to-day communication with customers and our regional dealers, I often come across similar questions. Which paint should I choose? Which substrate is it suitable for? What is its coverage, and which thinner or hardener should I use?

That is exactly why I have prepared the **VITON Product Range Guide** – a practical aid that makes it easier for you to find your way around our range and choose the right product.

While the **Product Catalogue 2026** offers a complete overview of our range and the technical data sheets provide detailed information on individual products, this guide is the link between them. Clear, easy to understand and with the essentials in one place.

**How does the guide work?** On **pages 3 and 4** you will find a quick selection of products by substrate type. In the electronic version, simply click on a product to go straight to the page with its detailed overview.

In addition to these materials, you can also use our digital tools. At **www.viton.cz** you will find proposed coating systems for individual industries and other useful information. The B2B portal **b2b.viton.cz** lets you put together coating systems, calculate itemised quotations and, above all, order our products conveniently.

All these tools complement one another and share a common goal – to make your path from choosing the right paint to ordering it as easy as possible.

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**I would be very pleased if this guide became your everyday companion** – whether in meetings with customers, when preparing a quotation or right at the sales counter.

And if you need advice on choosing a product, a coating procedure or a price quotation, please do not hesitate to contact me. I will be happy to help.

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# Which substrate?

## TWO-COMPONENT PAINTS – with hardener

✓ = suitable according to the technical data sheet · number = product page

| Product | | Type | Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic | Page |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Polyurethanes · primers** | | | | | | | | | | | |
| **PF 22** | 2K fast-drying polyurethane primer and filler | primer | ✓ | | ✓ | ✓ | | | | | 5 |
| **Polyurethanes · self-priming and topcoats** | | | | | | | | | | | |
| **PE 33** | Polyurethane 2-in-1 primer and topcoat | primer + topcoat | ✓ | | ✓ | ✓ | | ✓ | ✓ | | 6 |
| **PE 73** | High-solids polyurethane 2-in-1 primer and topcoat | primer + topcoat | ✓ | | ✓ | | | | ✓ | | 7 |
| **PE 73 DB** | High-solids 2-in-1 polyurethane paint in DB colours | primer + topcoat | ✓ | | ✓ | | | | | | 8 |
| **PE 84** | High-solids polyurethane 2-in-1 primer and topcoat | primer + topcoat | ✓ | | ✓ | | | | ✓ | | 9 |
| **Epoxies · primers** | | | | | | | | | | | |
| **ZG 11** | Epoxy anticorrosive primer | primer | ✓ | | ✓ | | | | ✓ | | 10 |
| **ZG 13** | Epoxy anticorrosive primer | primer | ✓ | ✓ | ✓ | ✓ | | | ✓ | | 11 |
| **ZG 17** | High-solids epoxy anticorrosive primer | primer | ✓ | ✓ | ✓ | ✓ | | | ✓ | | 12 |
| **ZG 18** | Zinc-rich epoxy primer (ZnR) | primer | ✓ | | | | | | | | 13 |
| **ZG 19** | Epoxy paint with micaceous iron oxide | primer | ✓ | | ✓ | | | | | | 14 |
| **Epoxies · self-priming and topcoats** | | | | | | | | | | | |
| **ZE 53** | Epoxy 2-in-1 primer and topcoat | primer + topcoat | ✓ | ✓ | ✓ | | | | ✓ | | 15 |
| **Epoxies · penetrating sealers** | | | | | | | | | | | |
| **ZP 10** | Transparent epoxy primer for damp mineral substrates | primer + topcoat | | | | | | | ✓ | | 16 |
| **Acrylics · topcoats** | | | | | | | | | | | |
| **ACE 590** | Two-component acrylic topcoat | topcoat | ✓ | | | | | | | | 17 |
| **Other · primers** | | | | | | | | | | | |
| **WP 10** | Reactive primer for steel and light metals | primer | ✓ | ✓ | ✓ | ✓ | ✓ | | | | 18 |



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# Which substrate?

## ONE-COMPONENT PAINTS – without hardener

✓ = suitable according to the technical data sheet · number = product page

| Product | | Type | Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic | Page |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Alkyds · primers** | | | | | | | | | | | |
| **KG 09** | Alkyd anticorrosive primer | primer | ✓ | | | | | ✓ | | | 19 |
| **KG 11** | Alkyd anticorrosive primer | primer | ✓ | | | | | ✓ | | | 20 |
| **KG 13** | Fast-drying alkyd primer for spraying | primer | ✓ | | | | | | | | 21 |
| **EG 11** | Epoxy ester anticorrosive primer | primer | ✓ | | ✓ | | | | | | 22 |
| **Alkyds · self-priming and topcoats** | | | | | | | | | | | |
| **KE 20** | Self-priming extra-fast 3-in-1 alkyd | primer + topcoat | ✓ | | | | | | | | 23 |
| **KE 30** | Self-priming 3-in-1 alkyd paint | primer + topcoat | ✓ | | | | | ✓ | | | 24 |
| **KE 31** | Self-priming 3-in-1 alkyd-urethane paint | primer + topcoat | ✓ | | | | | ✓ | | | 25 |
| **KE 53** | Self-priming 3-in-1 alkyd paint | primer + topcoat | ✓ | | | | | ✓ | | | 26 |
| **KE 54** | Self-priming 3-in-1 alkyd-urethane paint | primer + topcoat | ✓ | | | | | ✓ | | | 27 |
| **KE 68** | Self-priming high-gloss alkyd paint | primer + topcoat | ✓ | | | | | ✓ | | | 28 |
| **S 2013** | Self-priming 3-in-1 alkyd-urethane paint | primer + topcoat | ✓ | | | | | ✓ | | | 29 |
| **Acrylics (solvent-borne) · self-priming and topcoats** | | | | | | | | | | | |
| **AE 31** | Fast-drying self-priming 2-in-1 acrylic paint | primer + topcoat | ✓ | | ✓ | ✓ | | ✓ | ✓ | | 30 |
| **KOVÁŘSKÁ BARVA** | Wrought-iron effect 2-in-1 paint | primer + topcoat | ✓ | | ✓ | ✓ | | | | | 31 |
| **AC 28** | One-component acrylic paint for plastics and metals | primer + topcoat | ✓ | | ✓ | ✓ | | ✓ | | ✓ | 32 |
| **Acrylics (solvent-borne) · topcoats** | | | | | | | | | | | |
| **AC 24** | One-component acrylic topcoat | topcoat | | | | | | | | ✓ | 33 |
| **Water-based acrylics · primers** | | | | | | | | | | | |
| **HAG 08** | Water-based 2-in-1 primer and topcoat | primer + topcoat | ✓ | | ✓ | ✓ | | ✓ | ✓ | | 34 |
| **Water-based acrylics · self-priming and topcoats** | | | | | | | | | | | |
| **HAE 30** | Self-priming 3-in-1 water-based paint | primer + topcoat | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | 35 |
| **HAE 34** | Self-priming 3-in-1 water-based paint | primer + topcoat | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 36 |
| **Water-based acrylics · varnish for mineral substrates** | | | | | | | | | | | |
| **HYDROPROTECT** | Protective water-based varnish for mineral surfaces | topcoat | | | | | | | ✓ | | 37 |
| **Special · fire-protective coatings and wood stain** | | | | | | | | | | | |
| **PLAMOSTOP D** | Water-based fire-protective coating for wood | fire-protective | | | | | | ✓ | | | 38 |
| **PLAMOSTOP P9** | Water-based fire-protective coating for metal | fire-protective | ✓ | | ✓ | | | | ✓ | | 39 |
| **TIXODECOR** | Gel thin-film wood stain with UV filter | topcoat | | | | | | ✓ | | | 40 |



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# PF 22

## 2K fast-drying polyurethane primer and filler

two-component · **primer** · solvent-borne · semi-matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**RAL 1001, RAL 7035, RAL 9005**

**HARDENER**
**PH 92 · 8 : 1**
recommended; also PH 93 · by weight

**THINNER**
**PT 03 / PT 05**
spray 0–15 % vol. · brush 0–18 % vol.

**DRYING (with PH 92)**
**3 h**
handling · dust dry 15 min · touch dry 1 h

**POT LIFE (with PH 92)**
**3.5 h**
after mixing with hardener

**COVERAGE**
**10.4–10.9 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-matt**
20 GU

**PRIMER UNDER IT** — **WP 10** p. 18 (according to the technical data sheets)

**HARDENERS** — **PH 92** extra-fast, recommended: pot life 3.5 h, dust dry 15 min, touch dry 1 h, dry to handle 3 h
**PH 93** universal: pot life 3.5 h, dust dry 30 min, touch dry 5 h, dry to handle 10 h

**APPLICATION CONDITIONS** — The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**TOPCOAT OVER IT** — **PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **ACE 590** p. 17 (according to the technical data sheets)

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener PH 92 (8 : 1 by weight) – recommended** | | | |
| **4 kg** | PH 92 0.5 kg | PT 03 0.5 l | PT 03 0.5 l |
| **12 kg** | PH 92 1.5 kg | PT 03 1 l | PT 03 2× 1 l or 4 l |
| **with hardener PH 93 (8 : 1 by weight)** | | | |
| **4 kg** | PH 93 0.5 kg | PT 03 0.5 l | PT 03 0.5 l |
| **12 kg** | PH 93 1.5 kg | PT 03 1 l | PT 03 2× 1 l or 4 l |




# PE 33

## Polyurethane 2-in-1 primer and topcoat

two-component · **primer + topcoat** · solvent-borne · semi-matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✓ | ✗ | ✓ | ✓ | ✗ |

**COLOURS**
**RAL, VIT, NCS**

**HARDENER**
**PH 97 · 20 : 1**
recommended; also PH 92, PH 95 · by weight

**THINNER**
**PT 03 / PT 05**
spray 0–20 % vol. · brush 0–24 % vol.

**DRYING**
**8 h**
handling · dust dry 25 min · touch dry 6 h

**POT LIFE**
**3.5 h**
after mixing with hardener

**COVERAGE**
**10.7 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-matt**
30 GU

**PRIMER UNDER IT**
**PF 22** p. 5 **ZG 11** p. 10 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 18** p. 13 **ZG 19** p. 14 **WP 10** p. 18 **KG 13** p. 21 **EG 11** p. 22
(according to the technical data sheets)

**HARDENERS**
**PH 97** HS universal, recommended
**PH 92** extra-fast
**PH 95** fast
The technical data sheet gives pot life and drying times only once, without distinguishing between hardeners – see the data above.

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Spray the second coat as early as 45 minutes after the first

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener PH 97 (20 : 1 by weight) – recommended** | | | |
| **0.8 kg** | PH 97 0.04 kg | PT 03 0.5 l | PT 03 0.5 l |
| **3 kg** | PH 97 0.15 kg | PT 03 0.5 l | PT 03 0.5 l |
| **12 kg** | PH 97 0.6 kg | PT 03 2× 1 l or 4 l | PT 03 2× 1 l or 4 l |
| **24 kg** | PH 97 1.2 kg | PT 03 4 l or 3× 1 l | PT 03 4 l or 3× 1 l |
| **with hardener PH 92 (12 : 1 by weight)** | | | |
| **12 kg** | PH 92 1 kg | PT 03 2× 1 l or 4 l | PT 03 2× 1 l or 4 l |
| **24 kg** | PH 92 2 kg | PT 03 4 l or 3× 1 l | PT 03 4 l or 3× 1 l |
| **with hardener PH 95 (12 : 1 by weight)** | | | |
| **12 kg** | PH 95 1 kg | PT 03 2× 1 l or 4 l | PT 03 2× 1 l or 4 l |
| **24 kg** | PH 95 2 kg | PT 03 4 l or 3× 1 l | PT 03 4 l or 3× 1 l |



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# PE 73

## High-solids polyurethane 2-in-1 primer and topcoat

two-component · **primer + topcoat** · solvent-borne · semi-gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**RAL, VIT, NCS**

**HARDENER**
**PH 97 · 12 : 1**
recommended; also PH 92, PH 95 · by weight

**THINNER**
**PT 03 / PT 05**
spray no thinning · brush no thinning

**DRYING (with PH 97)**
**15 h**
handling · dust dry 1 h · touch dry 8 h

**POT LIFE (with PH 97)**
**3.5 h**
after mixing with hardener

**COVERAGE**
**10–10.8 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-gloss**
50 GU

**PRIMER UNDER IT**
**PF 22** p. 5 **ZG 11** p. 10 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 18** p. 13 **ZG 19** p. 14 **WP 10** p. 18 **KG 13** p. 21 **EG 11** p. 22
(according to the technical data sheets)

**HARDENERS**
**PH 97** HS universal, recommended: pot life 3.5 h, dust dry 1 h, touch dry 8 h, dry to handle 15 h
**PH 92** extra-fast: pot life 2 h, dust dry 15 min, touch dry 40 min, dry to handle 1 h
**PH 95** fast: pot life 4 h, dust dry 35 min, touch dry 1 h 40 min, dry to handle 3 h

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
When spraying, the second coat can be applied after just 60 minutes; for brush or roller application, an interval of 16 hours between coats is recommended.

**CERTIFICATES**
Approval of Správa železnic, the Czech Railway Administration (corrosivity category C4, valid until 4/2029): ONS 02 – for thermally sprayed metal substrates, system ZG 17 + PE 73; ONS 23 – coating system for new anticorrosion protection of the substrate, system ZG 18 + ZG 17 + PE 73; ONS 92 – for hot-dip galvanized substrates, system ZG 17 + PE 73.

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener PH 97 (12 : 1 by weight) – recommended** | | | |
| **0.8 kg** | **PH 97 0.1 kg** weigh out 0.067 kg | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **3 kg** | **PH 97 0.25 kg** | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **12 kg** | **PH 97 1 kg** | **PT 03 1 l** | **PT 03 1 l** |
| **24 kg** | **PH 97 2 kg** | **PT 03 2× 1 l** or 4 l | **PT 03 2× 1 l** or 4 l |
| **with hardener PH 92 (8 : 1 by weight)** | | | |
| **12 kg** | **PH 92 1.5 kg** | **PT 03 1 l** | **PT 03 1 l** |
| **24 kg** | **PH 92 3 kg** | **PT 03 2× 1 l** or 4 l | **PT 03 2× 1 l** or 4 l |
| **with hardener PH 95 (8 : 1 by weight)** | | | |
| **12 kg** | **PH 95 1.5 kg** | **PT 03 1 l** | **PT 03 1 l** |
| **24 kg** | **PH 95 3 kg** | **PT 03 2× 1 l** or 4 l | **PT 03 2× 1 l** or 4 l |




# PE 73 DB

High-solids 2-in-1 polyurethane paint in DB colours

two-component · **primer + topcoat** · solvent-borne · semi-gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**DB**

**HARDENER**
**PH 97 · 12 : 1**
recommended; also PH 92, PH 95 · by weight

**THINNER**
**PT 03**
spray 0–13 % vol. · brush 0–19 % vol.

**DRYING (with PH 97)**
**1 h**
handling · dust dry 20 min · touch dry 45 min

**POT LIFE (with PH 97)**
**3 h**
after mixing with hardener

**COVERAGE**
**9.5–9.9 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-gloss**
50 GU

**PRIMER UNDER IT**
**PF 22** p. 5 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 18** p. 13 **ZG 19** p. 14 **WP 10** p. 18 **KG 13** p. 21 **EG 11** p. 22 (according to the technical data sheets)

**HARDENERS**
**PH 97** HS universal, recommended: pot life 3 h, dust dry 20 min, touch dry 45 min, dry to handle 1 h
**PH 92** extra-fast: pot life 3.5 h, dust dry 10 min, touch dry 30 min, dry to handle 45 min
**PH 95** fast: pot life 3 h, dust dry 10 min, touch dry 35 min, dry to handle 1 h 20 min

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
For brush or roller application, the recommended interval between coats is 16 hours; with airless spraying, the next coat can be applied after 60 minutes.

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener PH 97 (12 : 1 by weight) – recommended** | | | |
| **12 kg** | PH 97 1 kg | PT 03 1 l | PT 03 1 l |
| **24 kg** | PH 97 2 kg | PT 03 2× 1 l or 4 l | PT 03 4 l or 2× 1 l |
| **with hardener PH 92 (8 : 1 by weight)** | | | |
| **12 kg** | PH 92 1.5 kg | PT 03 1 l | PT 03 2× 1 l or 4 l |
| **24 kg** | PH 92 3 kg | PT 03 2× 1 l or 4 l | PT 03 4 l or 3× 1 l |
| **with hardener PH 95 (8 : 1 by weight)** | | | |
| **12 kg** | PH 95 1.5 kg | PT 03 1 l | PT 03 2× 1 l or 4 l |
| **24 kg** | PH 95 3 kg | PT 03 2× 1 l or 4 l | PT 03 4 l or 3× 1 l |



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# PE 84

## High-solids polyurethane 2-in-1 primer and topcoat

two-component · **primer + topcoat** · solvent-borne · high gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**RAL, VIT, NCS**

**HARDENER**
**PH 97 · 9 : 1**
recommended; also PH 92, PH 95 · by weight

**THINNER**
**PT 03 / PT 05**
spray 0–7 % vol. · brush no thinning

**DRYING (with PH 97)**
**16 h**
handling · dust dry 1 h 20 min · touch dry 8 h

**POT LIFE (with PH 97)**
**4.5 h**
after mixing with hardener

**COVERAGE**
**11.2–12 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**high gloss**
95 GU

**PRIMER UNDER IT**
**PF 22** p. 5 **ZG 11** p. 10 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 18** p. 13 **ZG 19** p. 14 **WP 10** p. 18 **KG 13** p. 21 **EG 11** p. 22
(according to the technical data sheets)

**HARDENERS**
**PH 97** HS universal, recommended: pot life 4.5 h, dust dry 1 h 20 min, touch dry 8 h, dry to handle 16 h
**PH 92** extra-fast: pot life 2.5 h, dust dry 45 min, touch dry 2 h 50 min, dry to handle 3 h 20 min
**PH 95** fast: pot life 4 h, dust dry 45 min, touch dry 4 h 10 min, dry to handle 7 h

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
The second coat can be sprayed 60 minutes after spraying the first coat, or applied after 16 hours when using a brush or roller.

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener PH 97 (9 : 1 by weight) – recommended** | | | |
| **0.8 kg** | **PH 97 0.1 kg** weigh out 0.089 kg | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **3.6 kg** | **PH 97 0.4 kg** | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **9 kg** | **PH 97 1 kg** | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **18 kg** | **PH 97 2 kg** | **PT 03 1 l** | **PT 03 1 l** |
| **with hardener PH 92 (6 : 1 by weight)** | | | |
| **9 kg** | **PH 92 1.5 kg** | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **18 kg** | **PH 92 3 kg** | **PT 03 1 l** | **PT 03 1 l** |
| **with hardener PH 95 (6 : 1 by weight)** | | | |
| **9 kg** | **PH 95 1.5 kg** | **PT 03 0.5 l** | **PT 03 0.5 l** |
| **18 kg** | **PH 95 3 kg** | **PT 03 1 l** | **PT 03 1 l** |




# ZG 11

## Epoxy anticorrosive primer

two-component · **primer** · solvent-borne · matt



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**RAL 7035**

**HARDENER**
**ZH 93 · 7 : 1**
recommended · by weight

**THINNER**
**ZT 03**
spray 0–7 % vol. ·
brush 0–7 % vol.

**DRYING**
**2 h**
handling · dust dry 15 min ·
touch dry 45 min

**POT LIFE**
**3 h**
after mixing with hardener

**COVERAGE**
**8.7 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
2 GU

**PRIMER UNDER IT**
**ZG 18** p. 13 **WP 10** p. 18 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Subsequent topcoats PE 33, PE 73, PE 84, ZE 53, KE 53, KE 54 can be sprayed after just 45 minutes. For higher hardness, faster through-drying and a smoother surface, or when applying by brush/roller, we recommend applying the topcoat after 16 hours.

**TOPCOAT OVER IT**
**PE 33** p. 6 **PE 73** p. 7 **PE 84** p. 9 **ZE 53** p. 15 **KE 53** p. 26 **KE 54** p. 27 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **28 kg** | ZH 93 4 kg | ZT 03 1 l | ZT 03 1 l |




# ZG 13

## Epoxy anticorrosive primer

two-component | primer | solvent-borne | matt



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**RAL 7035**

**HARDENER**
**ZH 93 · 6 : 1**
recommended; also ZH 91 · by weight

**THINNER**
**ZT 03**
spray 0–10 % vol. · brush 0–11 % vol.

**DRYING (with ZH 93)**
**3 h**
handling · dust dry 35 min · touch dry 1 h

**POT LIFE (with ZH 93)**
**3 h**
after mixing with hardener

**COVERAGE**
**10.5 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
2 GU

**PRIMER UNDER IT**
**ZG 18** p. 13 **WP 10** p. 18 (according to the technical data sheets)

**HARDENERS**
**ZH 93** universal, recommended: pot life 3 h, dust dry 35 min, touch dry 1 h, dry to handle 3 h
**ZH 91** fast: pot life 3 h, dust dry 10 min, touch dry 55 min, dry to handle 1 h 15 min

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
PE, ZE or KE type paints can be used as topcoats after 30 minutes. For higher hardness, faster through-drying and a smoother surface, or when applying by brush or roller, we recommend applying the topcoat after 16 hours.

**TOPCOAT OVER IT**
**PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **ZG 19** p. 14 **ZE 53** p. 15 **KE 20** p. 23 **KE 30** p. 24 **KE 31** p. 25 **KE 53** p. 26 **KE 54** p. 27 **KE 68** p. 28 (according to the technical data sheets)

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener ZH 93 (6 : 1 by weight) – recommended** | | | |
| **0.6 kg** | ZH 93 0.1 kg | ZT 03 0.5 l | ZT 03 0.5 l |
| **3 kg** | ZH 93 0.5 kg | ZT 03 0.5 l | ZT 03 0.5 l |
| **12 kg** | ZH 93 2 kg | ZT 03 1 l | ZT 03 1 l |
| **24 kg** | ZH 93 4 kg | ZT 03 2× 1 l or 4 l | ZT 03 2× 1 l or 4 l |
| **with hardener ZH 91 (12 : 1 by weight)** | | | |
| **12 kg** | ZH 91 1 kg | ZT 03 1 l | ZT 03 1 l |
| **24 kg** | ZH 91 2 kg | ZT 03 2× 1 l or 4 l | ZT 03 2× 1 l or 4 l |



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# ZG 17

## High-solids epoxy anticorrosive primer

two-component · **primer** · solvent-borne · semi-matt · 30 GU



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**RAL 7032, RAL 7035, VIT 0100, VIT 0110, VIT 0840**

**HARDENER**
**ZH 96 · 10 : 1**
recommended · by weight

**THINNER**
**ZT 03**
spray 0–13 % vol. · brush 0–17 % vol.

**DRYING**
**3 h**
handling · dust dry 70 min · touch dry 2.5 h

**POT LIFE**
**2 h**
after mixing with hardener

**COVERAGE**
**12.0 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**PRIMER UNDER IT**
**ZG 18** p. 13 **WP 10** p. 18 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, PE or ZE type topcoats can be applied after just 2 hours, depending on the conditions and the type of topcoat. For higher hardness, faster through-drying and a smoother surface when applying by brush or roller, applying the topcoat after 16 hours is recommended.

**TOPCOAT OVER IT**
**PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **ZG 19** p. 14 **ZE 53** p. 15 (according to the technical data sheets)

**CERTIFICATES**
Approval of Správa železnic, the Czech Railway Administration (corrosivity category C4, valid until 4/2029): ONS 02 – for thermally sprayed metal substrates, system ZG 17 + PE 73; ONS 23 – coating system for new anticorrosion protection of the substrate, system ZG 18 + ZG 17 + PE 73; ONS 92 – for hot-dip galvanized substrates, system ZG 17 + PE 73.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **15 kg** | ZH 96 1.5 kg | ZT 03 1 l | ZT 03 2× 1 l or 4 l |
| **30 kg** | ZH 96 3 kg | ZT 03 4 l or 2× 1 l | ZT 03 4 l or 3× 1 l |



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# ZG 18

Zinc-rich epoxy primer (ZnR)

two-component · **primer** · solvent-borne · matt



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**VIT 0113**

**HARDENER**
**ZH 96 · 30 : 1**
recommended · by weight

**THINNER**
**ZT 03**
spray 0–6 % vol. ·
brush 0–10 % vol.

**DRYING**
**3.5 h**
handling · dust dry 15 min · touch dry 3 h

**POT LIFE**
**1.5 h**
after mixing with hardener

**COVERAGE**
**6.4 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · brush · roller**

**GLOSS**
**matt**
5 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**TOPCOAT OVER IT**

**PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **ZG 11** p. 10 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 19** p. 14 **ZE 53** p. 15
(according to the technical data sheets)

**CERTIFICATES**

Approval of Správa železnic, the Czech Railway Administration (corrosivity category C4, valid until 4/2029): ONS 23 – coating system for new anticorrosion protection of the substrate, system ZG 18 + ZG 17 + PE 73.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **15 kg** | ZH 96 0.5 kg | ZT 03 0.5 l | ZT 03 0.5 l |
| **30 kg** | ZH 96 1 kg | ZT 03 0.5 l | ZT 03 1 l |




# ZG 19

Epoxy paint with micaceous iron oxide

two-component · **primer** · solvent-borne · semi-gloss



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**VIT 0111**

**HARDENER**
**ZH 96 · 8 : 1**
recommended · by weight

**THINNER**
**ZT 03**
spray 0–20 % vol. ·
brush 0–20 % vol.

**DRYING**
**3 h**
handling · dust dry 50 min ·
touch dry 2.5 h

**POT LIFE**
**2 h**
after mixing with hardener

**COVERAGE**
**12.8 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · brush · roller**

**GLOSS**
**semi-gloss**
50 GU

**PRIMER UNDER IT**
**ZG 13** p. 11 **ZG 17** p. 12 **ZG 18** p. 13 **WP 10** p. 18 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Subsequent topcoats of the ZE and PE types can be applied after just 60 minutes; for higher hardness, faster through-drying and a smoother surface, or when applying by brush or roller, applying the topcoat after 16 hours is recommended.

**TOPCOAT OVER IT**
**PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **ZE 53** p. 15 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **24 kg** | ZH 96 3 kg | ZT 03 4 l or 3× 1 l | ZT 03 4 l or 3× 1 l |



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# ZE 53

## Epoxy 2-in-1 primer and topcoat

two-component · **primer + topcoat** · solvent-borne · semi-matt



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**RAL, VIT**

**HARDENER**
**ZH 93 · 8 : 1**
recommended · by weight

**THINNER**
**ZT 03**
spray 0–7 % vol. ·
brush 0–13 % vol.

**DRYING**
**4 h**
handling · dust dry 30 min · touch dry 60 min

**POT LIFE**
**3 h**
after mixing with hardener

**COVERAGE**
**11.5 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-matt**
30 GU

**PRIMER UNDER IT**
**ZG 11** p. 10 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 18** p. 13 **ZG 19** p. 14 **WP 10** p. 18 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, a second coat can be sprayed 45 minutes after spraying the first coat. For a smooth surface, or when applying by brush/roller, we recommend applying it 16 hours after applying the previous coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.8 kg** | ZH 93 0.1 kg | ZT 03 0.5 l | ZT 03 0.5 l |
| **3.2 kg** | ZH 93 0.4 kg | ZT 03 0.5 l | ZT 03 0.5 l |
| **8 kg** | ZH 93 1 kg | ZT 03 0.5 l | ZT 03 1 l |
| **24 kg** | ZH 93 3 kg | ZT 03 1 l | ZT 03 2× 1 l or 4 l |



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# ZP 10

Transparent epoxy primer for damp mineral substrates

two-component · primer + topcoat · solvent-free



| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**Transparent**

**HARDENER**
**ZH 96 · 100 : 60**
recommended · by weight

**THINNER**
**no thinner**
used as supplied

**DRYING**
**48 h**
handling · dust dry 8 h · touch dry 12 h

**POT LIFE**
**30 min**
after mixing with hardener

**COVERAGE**
**2–3.3 m²/kg**
dry; damp max. 1.7 m²/kg

**APPLICATION**
**brush · roller**

**GLOSS**
**—**

**APPLICATION CONDITIONS**

The recommended application temperature of the substrate, environment, material and products is +10 °C to +25 °C, relative humidity max. 85%. The temperature of the substrate and of the not yet fully cured product must be at least 3 °C above the dew point. Prevent moisture condensation on the surface from the start of surface preparation until the products have fully cured. Ensure adequate ventilation during curing and do not exceed the maximum relative humidity.

**OVERCOATING**

After 24 hours, ZP 10 can be overcoated with any epoxy or polyurethane system.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **8.75 kg** | ZH 96 5.25 kg | no thinner | no thinner |
| **17.5 kg** | ZH 96 10.5 kg | no thinner | no thinner |




# ACE 590

## Two-component acrylic topcoat

two-component · **topcoat** · solvent-borne · high gloss · 95 GU

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**RAL, VIT, NCS, colours to transport equipment manufacturers' standards**

**HARDENER**
**AH 60 · 3 : 1**
recommended; also AH 65 · by weight

**THINNER**
**AT 10 / AT 20**
spray as required

**DRYING (with AH 60)**
**15 h**
handling · dust dry 30 min · touch dry 6 h

**POT LIFE (with AH 60)**
**5 h**
after mixing with hardener

**COVERAGE**
**11.0 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**PRIMER UNDER IT** — **PF 22** p. 5 (according to the technical data sheets)

**HARDENERS** — **AH 60** standard, recommended: pot life 5 h, dust dry 30 min, touch dry 6 h, dry to handle 15 h
**AH 65** slow: pot life 7 h, dust dry 40 min, touch dry 7 h, dry to handle 15 h

**APPLICATION CONDITIONS** — The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING** — Application over ACE 590: if it has already dried overnight or has been heated, apply an intermediate coat of transparent varnish.

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **with hardener AH 60 (3 : 1 by weight) – recommended** | | | |
| **0.75 kg** | AH 60 0.25 kg | AT 10 1 l | — |
| **3 kg** | AH 60 1 kg | AT 10 1 l | — |
| **9 kg** | AH 60 3 kg | AT 10 1 l | — |
| **18 kg** | 2× AH 60 3 kg | AT 10 2× 1 l or 5 l | — |
| **with hardener AH 65 (3 : 1 by weight)** | | | |
| **0.75 kg** | AH 65 0.25 kg | AT 10 1 l | — |
| **3 kg** | AH 65 1 kg | AT 10 1 l | — |
| **9 kg** | AH 65 3 kg | AT 10 1 l | — |
| **18 kg** | 2× AH 65 3 kg | AT 10 2× 1 l or 5 l | — |




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# WP 10

Reactive primer for steel and light metals

two-component | primer | matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |

**COLOURS**
**RAL 1015**

**HARDENER**
**WH 90 · 1 : 1**
recommended · by weight

**THINNER**
**no thinner**
used as supplied

**DRYING**
**20 min**
handling · dust dry 5 min · touch dry 15 min

**POT LIFE**
**24 h**
after mixing with hardener

**COVERAGE**
**22.3 m²/kg**
at 10 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
2 GU

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Subsequent coats of the ZG, PG, PE and ZE types can be applied after 20–30 minutes.

**TOPCOAT OVER IT**
**PF 22** p. 5 **PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **ZG 11** p. 10 **ZG 13** p. 11 **ZG 17** p. 12 **ZG 19** p. 14 **ZE 53** p. 15 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.8 kg** | WH 90 0.8 kg | no thinner | no thinner |
| **4 kg** | WH 90 4 kg | no thinner | no thinner |





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# KG 09

## Alkyd anticorrosive primer

one-component | primer | solvent-borne | matt · 2 GU

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL 7035, VIT 0100, VIT 0110, VIT 0199, VIT 0840**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01**
spray 0–13 % vol. · brush 0–14 % vol.

**DRYING**
**60 min**
handling · dust dry 35 min · touch dry 45 min

**POT LIFE**
**—**

**COVERAGE**
**9.2 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
After approx. 30 minutes, KE type topcoats and S 2013 can be applied. For best results, we recommend applying the topcoat only 12 hours after applying KG 09.

**TOPCOAT OVER IT**
**KE 30** p. 24 **KE 31** p. 25 **KE 53** p. 26 **KE 54** p. 27 **KE 68** p. 28 **S 2013** p. 29 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **30 kg** | — | **KT 01 2× 1 l** or 4 l | **KT 01 4 l** or 2× 1 l |





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# KG 11

## Alkyd anticorrosive primer

one-component | **primer** | matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**VIT 0100, VIT 0110, VIT 0840**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01 / KT 04**
spray 9 % vol. · brush 13 % vol.

**DRYING**
**90 min**
handling · dust dry 50 min · touch dry 60 min

**POT LIFE**
**—**

**COVERAGE**
**9.0 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
2 GU

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Subsequent topcoats KE 30, KE 31, KE 53, KE 54 or S 2013 can be sprayed after just 40 minutes. For higher hardness, faster through-drying and a smoother surface, or when applying by brush/roller, we recommend applying the topcoat after 16 hours.

**TOPCOAT OVER IT**
**KE 30** p. 24 **KE 31** p. 25 **KE 53** p. 26 **KE 54** p. 27 **S 2013** p. 29 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | **KT 01 1 l** | **KT 04 0.5 l** |
| **3.5 kg** | — | **KT 01 1 l** | **KT 04 0.5 l** |
| **15 kg** | — | **KT 01 2× 1 l** or 4 l | **KT 04 4 l** or 2× 1 l |




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# KG 13

Fast-drying alkyd primer for spraying

one-component · primer · solvent-borne · matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**RAL 7035, VIT 0100, VIT 0110, VIT 0840**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01 / KT 02**
spray 8 % vol. · brush 5 % vol.

**DRYING**
**60 min**
handling · dust dry 15 min · touch dry 30 min

**POT LIFE**
**—**

**COVERAGE**
**8.2 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
2 GU

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Subsequent topcoats KE, S 2013 or PE can be sprayed after just 30 minutes. For faster through-drying, or when applying by brush/roller, we recommend applying the topcoat after 16 hours.

**TOPCOAT OVER IT**
**PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **KE 20** p. 23 **KE 30** p. 24 **KE 31** p. 25 **KE 53** p. 26 **KE 54** p. 27 **KE 68** p. 28 **S 2013** p. 29 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | KT 01 1 l | KT 02 1 l |
| **3.5 kg** | — | KT 01 1 l | KT 02 1 l |
| **12 kg** | — | KT 01 1 l | KT 02 1 l |
| **25 kg** | — | KT 01 4 l or 2× 1 l | KT 02 2× 1 l or 4 l |




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# EG 11

Epoxy ester anticorrosive primer

one-component · **primer** · solvent-borne · matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**RAL 7035**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 05**
spray no thinning · brush no thinning

**DRYING**
**70 min**
handling · dust dry 10 min · touch dry 30 min

**POT LIFE**
**—**

**COVERAGE**
**8.0 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
2 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**

Subsequent topcoats of the HAE, KE, PE and S 2013 ranges can be sprayed after just 30 minutes. For higher hardness, faster through-drying and a smoother surface, or when applying by brush/roller, we recommend applying the topcoat after 16 hours.

**TOPCOAT OVER IT**

**PE 33** p. 6 **PE 73** p. 7 **PE 73 DB** p. 8 **PE 84** p. 9 **KE 20** p. 23 **KE 30** p. 24 **KE 31** p. 25 **KE 53** p. 26 **KE 54** p. 27 **KE 68** p. 28 **S 2013** p. 29 **HAE 30** p. 35 **HAE 34** p. 36 (according to the technical data sheets)

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | KT 05 1 l | KT 05 1 l |
| **3.5 kg** | — | KT 05 1 l | KT 05 1 l |
| **12 kg** | — | KT 05 1 l | KT 05 1 l |
| **25 kg** | — | KT 05 2× 1 l or 4 l | KT 05 2× 1 l or 4 l |





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# KE 20

## Self-priming extra-fast 3-in-1 alkyd

one-component · **primer + topcoat** · solvent-borne · semi-matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**RAL, VIT**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 02**
spray 0–15 % vol. ·
brush 0–8 % vol.

**DRYING**
**2 h**
handling · dust dry 15 min · touch dry 1 h

**POT LIFE**
**—**

**COVERAGE**
**8.8 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray**

**GLOSS**
**semi-matt**
30 GU

**PRIMER UNDER IT** **ZG 13** p. 11 **KG 13** p. 21 **EG 11** p. 22 (according to the technical data sheets)

**APPLICATION CONDITIONS** The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING** If required, a second coat can be sprayed 15 minutes after spraying the first coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **10 kg** | — | **KT 02 1 l** | **KT 02 1 l** |
| **25 kg** | — | **KT 02 4 l** or 2× 1 l | **KT 02 1 l** |





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# KE 30

## Self-priming 3-in-1 alkyd paint

one-component · **primer + topcoat** · solvent-borne · matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL, VIT**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01 / KT 04**
spray 5 % vol. · brush 6 % vol.

**DRYING**
**4 h**
handling · dust dry 1 h · touch dry 3 h

**POT LIFE**
**—**

**COVERAGE**
**9.3 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**matt**
10 GU

**PRIMER UNDER IT**
**ZG 13** p. 11 **KG 09** p. 19 **KG 11** p. 20 **KG 13** p. 21 **EG 11** p. 22 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, a second coat can be sprayed 30 minutes after spraying the first coat. For brush/roller application, we always recommend waiting 12 hours after applying the previous coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **10 kg** | — | **KT 01 1 l** | **KT 04 1 l** |
| **25 kg** | — | **KT 01 2× 1 l** or 4 l | **KT 04 2× 1 l** or 4 l |




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# KE 31

Self-priming 3-in-1 alkyd-urethane paint

one-component | **primer + topcoat** | solvent-borne | semi-gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL, VIT, NCS**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01 / KT 04**
spray 0–9 % vol. ·
brush 0–12 % vol.

**DRYING**
**5 h**
handling · dust dry 2.5 h ·
touch dry 4 h

**POT LIFE**
**—**

**COVERAGE**
**10.8 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-gloss**
35 GU

**PRIMER UNDER IT** **ZG 13** p. 11 **KG 09** p. 19 **KG 11** p. 20 **KG 13** p. 21 **EG 11** p. 22 (according to the technical data sheets)

**APPLICATION CONDITIONS** The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING** When spraying, the second coat can be applied after 30 minutes; for brush/roller application, we recommend applying it after 16 hours.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | KT 01 1 l | KT 04 0.5 l |
| **3.5 kg** | — | KT 01 1 l | KT 04 0.5 l |
| **10 kg** | — | KT 01 1 l | KT 04 1 l |
| **25 kg** | — | KT 01 2× 1 l or 4 l | KT 04 2× 1 l or 4 l |





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# KE 53

## Self-priming 3-in-1 alkyd paint

one-component · **primer + topcoat** · solvent-borne · semi-gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL, VIT, NCS**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 02**
spray 0–12 % vol. ·
brush 0–12 % vol.

**DRYING**
**7 h**
handling · dust dry 45 min ·
touch dry 4.5 h

**POT LIFE**
**—**

**COVERAGE**
**9.0 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-gloss**
50 GU

**PRIMER UNDER IT**
**ZG 11** p. 10 **ZG 13** p. 11 **KG 09** p. 19 **KG 11** p. 20 **KG 13** p. 21 **EG 11** p. 22 **HAG 08** p. 34 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
When spraying, the second coat can be applied approx. 40 minutes after applying the first coat. For brush or roller application, an interval of at least 12 hours between coats is recommended.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **10 kg** | — | KT 02 1 l | KT 02 1 l |
| **25 kg** | — | KT 02 2× 1 l or 4 l | KT 02 2× 1 l or 4 l |




# KE 54

## Self-priming 3-in-1 alkyd-urethane paint

one-component · **primer + topcoat** · solvent-borne · gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL, VIT**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01 / KT 04**
spray 9 % vol. · brush 9 % vol.

**DRYING**
**4 h**
handling · dust dry 90 min · touch dry 3 h

**POT LIFE**
**—**

**COVERAGE**
**10.4 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**gloss**
80 GU

**PRIMER UNDER IT**
**ZG 11** p. 10 **ZG 13** p. 11 **KG 09** p. 19 **KG 11** p. 20 **KG 13** p. 21 **EG 11** p. 22 **HAG 08** p. 34 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, a second coat can be sprayed 40 minutes after spraying the first coat. For brush/roller application, we always recommend waiting 12 hours after applying the previous coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | KT 01 1 l | KT 04 0.5 l |
| **3.5 kg** | — | KT 01 1 l | KT 04 0.5 l |
| **10 kg** | — | KT 01 1 l | KT 04 1 l |
| **25 kg** | — | KT 01 4 l or 3× 1 l | KT 04 4 l or 3× 1 l |




# KE 68

## Self-priming high-gloss alkyd paint

one-component · **primer + topcoat** · solvent-borne · high gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL, VIT**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 02**
spray 0–4 % vol. ·
brush 0–4 % vol.

**DRYING**
**16 h**
handling · dust dry 90 min · touch dry 8 h

**POT LIFE**
**—**

**COVERAGE**
**9.2 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · brush · roller**

**GLOSS**
**high gloss**
95 GU

**PRIMER UNDER IT**
**ZG 13** p. 11 **KG 09** p. 19 **KG 13** p. 21 **EG 11** p. 22 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| 10 kg | — | KT 02 1 l | KT 02 1 l |
| 20 kg | — | KT 02 1 l | KT 02 1 l |




# S 2013

## Self-priming 3-in-1 alkyd-urethane paint

one-component · primer + topcoat · solvent-borne · gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**RAL, VIT**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**KT 01 / KT 04**
spray 12 % vol. ·
brush 17 % vol.

**DRYING**
**7 h**
handling · dust dry 3 h ·
touch dry 4 h

**POT LIFE**
**—**

**COVERAGE**
**10.6 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**gloss**
80 GU

**PRIMER UNDER IT**
**KG 09** p. 19 **KG 11** p. 20 **KG 13** p. 21 **EG 11** p. 22 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, a second coat can be sprayed 90 minutes after spraying the first coat. For brush/roller application, we always recommend waiting 20 hours after applying the previous coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | KT 01 1 l | KT 04 0.5 l |
| **3.5 kg** | — | KT 01 1 l | KT 04 1 l |
| **10 kg** | — | KT 01 2× 1 l or 4 l | KT 04 4 l or 2× 1 l |





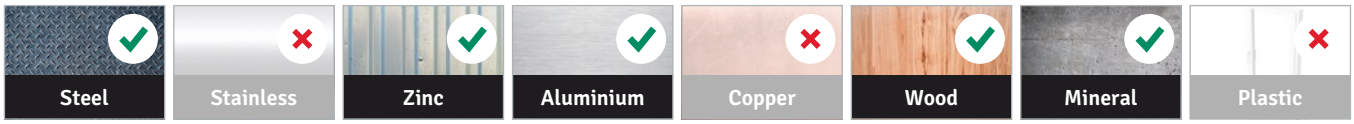
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# AE 31

## Fast-drying self-priming 2-in-1 acrylic paint

one-component · primer + topcoat · semi-matt




**COLOURS**
**RAL, VIT, NCS**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**PT 03**
spray 0–15 % vol. ·
brush 0–18 % vol.

**DRYING**
**1 h**
handling · dust dry 10 min · touch dry 45 min

**POT LIFE**
**—**

**COVERAGE**
**9.6 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-matt**
20 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| 0.7 kg | — | PT 03 0.5 l | PT 03 0.5 l |
| 3.5 kg | — | PT 03 0.5 l | PT 03 0.5 l |
| 10 kg | — | PT 03 1 l | PT 03 1 l |





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# KOVÁŘSKÁ BARVA

Wrought-iron effect 2-in-1 paint

one-component · **primer + topcoat** · solvent-borne · semi-matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |

**COLOURS**
**VIT 7021**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**PT 03**
spray no thinning · brush no thinning

**DRYING**
**1 h**
handling · dust dry 20 min · touch dry 30 min

**POT LIFE**
**—**

**COVERAGE**
**7.5 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**air spray · brush · roller**

**GLOSS**
**semi-matt**
30 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**

If required, a second coat can be sprayed 30 minutes after spraying the first coat. For brush/roller application, we always recommend waiting 16 hours after applying the previous coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.7 kg** | — | PT 03 0.5 l | PT 03 0.5 l |
| **3.5 kg** | — | PT 03 0.5 l | PT 03 0.5 l |
| **15 kg** | — | PT 03 1 l | PT 03 1 l |





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# AC 28

## One-component acrylic paint for plastics and metals

one-component · primer + topcoat · solvent-borne · matt–gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✓ | ✗ | ✓ | ✗ | ✓ |

**COLOURS**
**RAL 6014**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**PT 03 / PT 05**
spray 50 % vol.

**DRYING**
**20 min**
handling · dust dry 10 min · touch dry 20 min

**POT LIFE**
**—**

**COVERAGE**
**25.0 m²/kg**
at 10 µm dry film thickness

**APPLICATION**
**air spray**

**GLOSS**
**matt–gloss**

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **20 kg** | — | PT 03 2× 9 l or 30 l | — |





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# AC 24

## One-component acrylic topcoat

one-component · **topcoat** · solvent-borne · matt–gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |

**COLOURS**
**to customer sample**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**PT 03 / PT 05**
spray 100 % vol.

**DRYING**
**20 min**
handling · dust dry 10 min · touch dry 20 min

**POT LIFE**
**—**

**COVERAGE**
**25.9 m²/kg**
at 10 µm dry film thickness

**APPLICATION**
**air spray**

**GLOSS**
**matt–gloss**

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Can be overcoated with 1K acrylic or 2K polyurethane topcoats.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **20 kg** | — | **PT 03 30 l** or 3× 9 l | — |




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# HAG 08

Water-based 2-in-1 primer and topcoat

one-component | primer + topcoat | water-based | matt · 3 GU

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✓ | ✗ | ✓ | ✓ | ✗ |

**COLOURS**
**RAL 7035, RAL 8012, RAL 9005, VIT 0110, VIT 0841**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**water**
spray no thinning · brush 3 % vol.

**DRYING**
**60 min**
handling · dust dry 20 min · touch dry 35 min

**POT LIFE**
**—**

**COVERAGE**
**7.8 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +10°C during application and drying. Relative humidity must not exceed 70%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
Subsequent coats of HAE 30, HAE 34 can be sprayed after just 20 minutes, KE 53, KE 54 after 60 minutes. For higher hardness, faster through-drying and a smoother surface, or when applying by brush/roller, we recommend applying the topcoat after 4 hours.

**TOPCOAT OVER IT**
**KE 53** p. 26 **KE 54** p. 27 **HAE 30** p. 35 **HAE 34** p. 36 (according to the technical data sheets)

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **12 kg** | — | no thinning (water) | water ≈ 0.27 l |

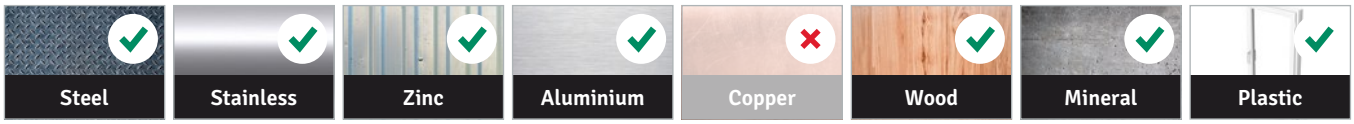
WATER-BASED




# HAE 30

Self-priming 3-in-1 water-based paint

one-component | primer + topcoat | water-based | semi-matt




**COLOURS**
**RAL**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**water**
spray no thinning · brush 3 % vol.

**DRYING**
**5 h**
handling · dust dry 35 min · touch dry 90 min

**POT LIFE**
**—**

**COVERAGE**
**7.4 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**semi-matt**
30 GU

**PRIMER UNDER IT**
**EG 11** p. 22 **HAG 08** p. 34 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +10°C during application and drying. Relative humidity must not exceed 70%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, a second coat can be sprayed 30 minutes after spraying the first coat. For brush/roller application, we always recommend waiting 6 hours after applying the previous coat.

**CERTIFICATES**
SZÚ certificate (Czech National Institute of Public Health) for direct contact with food: HAE 30/RAL 9016, on surfaces that may come into direct contact with food, excluding strongly acidic foods (i.e. pH =< 3.7), at temperatures not exceeding 40 °C, valid until 1/2028.

**PACKAGING – WHAT TO SELL WITH IT**

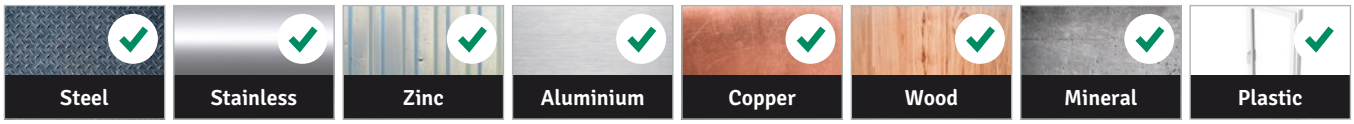
| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| 0.7 kg | — | no thinning (water) | water ≈ 0.02 l |
| 3 kg | — | no thinning (water) | water ≈ 0.07 l |
| 10 kg | — | no thinning (water) | water ≈ 0.24 l |




# HAE 34

Self-priming 3-in-1 water-based paint

one-component | primer + topcoat | water-based | gloss




**COLOURS**
**RAL**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**water**
spray no thinning · brush no thinning

**DRYING**
**3 h**
handling · dust dry 40 min · touch dry 1 h

**POT LIFE**
**—**

**COVERAGE**
**9.6 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · air spray · brush · roller**

**GLOSS**
**gloss**
80 GU

**PRIMER UNDER IT**
**EG 11** p. 22 **HAG 08** p. 34 (according to the technical data sheets)

**APPLICATION CONDITIONS**
The temperature of the ambient air, the surface and the paint must not fall below +10°C during application and drying. Relative humidity must not exceed 70%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**
If required, a second coat can be sprayed 30 minutes after spraying the first coat. For brush/roller application, we always recommend waiting 6 hours after applying the previous coat.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| 0.7 kg | — | no thinning (water) | no thinning (water) |
| 3 kg | — | no thinning (water) | no thinning (water) |
| 10 kg | — | no thinning (water) | no thinning (water) |





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# HYDROPROTECT

Protective water-based varnish for mineral surfaces

one-component · topcoat · water-based · high gloss

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ |

**COLOURS**
**Colourless**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**water**
spray 20 % vol. ·
brush 30 % vol.

**DRYING**
**4 h**
handling · dust dry 30 min ·
touch dry 1 h

**POT LIFE**
**—**

**COVERAGE**
**8.3 m²/kg**
at 40 µm dry film thickness

**APPLICATION**
**airless · brush · roller**

**GLOSS**
**high gloss**
90 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +10°C during application and drying. Relative humidity must not exceed 70%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**

The second coat can be applied after 30 minutes when spraying, or after 6 hours when applying by brush and roller.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.75 l** | — | water ≈ 0.15 l | water ≈ 0.23 l |
| **5 l** | — | water ≈ 1 l | water ≈ 1.5 l |





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# PLAMOSTOP D

Water-based fire-protective coating for wood

one-component · fire-protective · water-based · matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**
**Colourless**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**water**
spray no thinning · brush no thinning

**DRYING**
**6 h**
handling · dust dry 30 min · touch dry 3 h

**POT LIFE**
**—**

**COVERAGE**
**4.2 m²/kg**
at 100 µm dry film thickness

**APPLICATION**
**airless · brush · roller**

**GLOSS**
**matt**
2 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**

The coating is cured after 48 hours at a minimum temperature of 15°C; it must then be sealed with a topcoat of AE 31, KE 53, KE 54, KE 30, KE 31, PE 33, PE 73, PE 84, S 2013 or TIXODECOR. A water-based coating material must not be used as the topcoat!

**IMPORTANT – FIRE PROTECTION**

Always consult the VITON sales department before selling or applying Plamostop D. Provide the fire safety design solution for the building and the list of structural elements – we will calculate how many microns must be applied to achieve the required fire resistance (load-bearing capacity R 15 to R 60 according to the technical data sheet) and which primers and topcoats can be used. This service is free of charge. After a binding order, we will train the applicator (a registered company with a company ID number) and issue them a certificate for the application of Plamostop D.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **20 kg** | — | no thinning (water) | no thinning (water) |





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# PLAMOSTOP P9

Water-based fire-protective coating for metal

one-component · fire-protective · water-based · matt

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ |
| only with primer | | only with primer, e.g. ZG 13 | | | | | |

**COLOURS**
**White**

**HARDENER**
**no hardener**
one-component paint

**THINNER**
**water**
spray 3 % vol. ·
brush no thinning

**DRYING**
**24 h**
handling · dust dry 30 min · touch dry 8 h

**POT LIFE**
**—**

**COVERAGE**
**4.2 m²/kg**
at 100 µm dry film thickness

**APPLICATION**
**airless · brush · roller**

**GLOSS**
**matt**
2 GU

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**IMPORTANT – FIRE PROTECTION**

Always consult the VITON sales department before selling or applying Plamostop P9. Provide the fire safety design solution for the building and the list of structural elements – we will calculate how many microns must be applied to achieve the required fire resistance (according to the technical data sheet, the thickness is calculated separately for each element) and which primers and topcoats can be used. This service is free of charge. After a binding order, we will train the applicator (a registered company with a company ID number) and issue them a certificate for the application of Plamostop P9. According to the technical data sheet, it is intended for type Y environments – interior conditions and partial exposure.

**PACKAGING – WHAT TO SELL WITH IT**

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **20 kg** | — | water ≈ 0.43 l | no thinning (water) |




# TIXODECOR

Gel thin-film wood stain with UV filter

one-component | **topcoat** | semi-matt · 15 GU

| Steel | Stainless | Zinc | Aluminium | Copper | Wood | Mineral | Plastic |
|---|---|---|---|---|---|---|---|
| ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ |

**COLOURS**

**colourless, anthracite, blue, chestnut, ebony, green, larch, mahogany, oak, pine, rosewood, stone pine, teak, walnut, white**

**HARDENER**

**no hardener**

one-component paint

**THINNER**

**no thinner**

used as supplied

**DRYING**

**18 h**

handling · dust dry 4 h · touch dry 8 h

**POT LIFE**

**—**

**COVERAGE**

**14.7 m²/kg**

at 20 µm dry film thickness

**APPLICATION**

**airless · air spray · brush · roller**

**APPLICATION CONDITIONS**

The temperature of the ambient air, the surface and the paint must not fall below +5°C during application and drying. Relative humidity must not exceed 80%. The temperature of the surface being painted must be at least 3°C above the dew point.

**OVERCOATING**

The interval between coats is 6-8 hours at 23°C.

## PACKAGING – WHAT TO SELL WITH IT

| Paint pack | Hardener | Thinner – spraying | Thinner – brush / roller |
|---|---|---|---|
| **0.75 l** | — | no thinner | no thinner |
| **3 l** | — | no thinner | no thinner |





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