

Cold plastic

Preco Cryl High-Friction Plastic 2K



Product information

Applications

Preco Cryl High-Friction Plastic 2K is used for Type I and Type II markings as a closed-textured line, profiled, agglomerate or flat marking on coarse surfaces.

Properties

The 2-component Preco Cryl High-Friction Plastic 2K, which has a polymethyl methacrylate (PMMA) resin base with coarse filling materials, offers the following features:

- Withstands mechanical loads
- Fully bonded adhesion
- Weather-resistant (UV, IR, etc.)
- Alkali-resistant
- Fast-curing
- Elastic
- Cold-applied
- BAST-tested (German Federal Highway Research Institute)
- IBDiM-tested (Polish Road and Bridge Research Institute)

System build-up

Triflex Than Primer L 1K – for sealing the concrete substrate and ensuring substrate adhesion.

Preco Cryl High-Friction Plastic 2K – for closed-textured, agglomerate and profiled markings as well as coating surfaces and cycle paths.

Drop-on materials mix – according to the relevant BAST test certificate.

Certifications and test data

Preco Cryl Cold Plastic 2K meets the requirements of the ZTV M 13 (Additional Technical Specifications in Construction Contracts).

Our current test certificates can be found in the download area of our website www.triflex.com under the heading "Markings" or at www.triflex.com/certificates.

Pack size

Drum

18.00 kg	Preco Cryl High-Friction Plastic 2K Base Resin *
28.00 kg	Preco Cryl High-Friction Plastic 2K Base Resin *
40.00 kg	Preco Cryl High-Friction Plastic 2K Base Resin *

Container

1,350.00 kg	Preco Cryl High-Friction Plastic 2K Base Resin *
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Catalyst

0.20 kg	Preco Cryl Powder Catalyst
25.00 kg	Preco Cryl Powder Catalyst (loose)
25.00 kg	Triflex Liquid Catalyst

* Preco Cryl High-Friction Plastic 2K Base Resin is produced according to the season in normal (NO) or winter (WI) formulations. See product label.

Preco Cryl High-Friction Plastic is also available as a 3K variant.



Colours

1023 Traffic yellow
3009 Oxide red
3013 Tomato red
3020 Traffic red
5017 Traffic blue
6024 Traffic green
7043 Traffic grey B
9005 Black
9010 White

Storage

Can be stored unopened and unmixed for approx. 12 months in a cool, dry place above freezing. Keep the container out of direct sunlight, even on the construction site.

Mixing instructions

After thoroughly mixing the base resin, the corresponding catalyst quantity is added to and mixed with a slow-running mixing machine until there are no more lumps. Stir for 2 mins. Process immediately afterwards.

Depending on the ambient temperature, 1 to 2 % of catalyst is added. Also see the label.

Mixing ratio

Preco Cryl High-Friction Plastic with a mixing ratio of 98:2 (2K) and 1:1 (3K) differ only in terms of the application method.

Both mixing ratios are chemically identical and achieve the same traffic performance and results.

Methods of application

Smoothing trowel
Hand-held marking machine
Self-propelled marking machine

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Material consumption

Preco Cryl High-Friction Plastic 2K, density approx. 1.9 g/cm³

Closed-finish line marking:

Required volume approx. 4.50 kg/m² with a layer thickness of 2.5 mm.

Agglomerate marking:

Required volume approx. 2.20 kg/m².

Profiled marking:

Required volume approx. 6.50 kg/m² with a layer thickness of 3 to 5 mm.

Calculation formula:

Line width (m) x line length (m) x volume (kg/m²) = volume required for area (kg)

Pot life

Approx. 5 to 10 mins. at +20 °C

Drying time

Approx. 15 to 20 mins. at +20 °C

Notes on special hazards

See Safety Data Sheet, section 2

Safety tips

See Safety Data Sheet, sections 7 and 8

Measures in case of fire or accidents

See Safety Data Sheet, sections 4, 5 and 6

General notes

We guarantee the consistently high quality of our products.
Non-Triflex products must not be used with Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the multitude of on-site requirements, under the most varied of conditions, the user is required to test the product's suitability for its respective purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.



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Product description



Preco Cryl High-Friction Plastic 2K is a solvent-free, 2-component product with a polymethyl methacrylate (PMMA) resin base with coarse filling materials. Due to its special formulation, the product is particularly suitable for the manual application of thick-layer road and surface markings on coarse surfaces. Likewise, Preco Cryl High-Friction Plastic 2K enables Type I and Type II markings to be applied using conventional types of machinery. Preco Cryl products are suitable for bituminous surfaces as well as concrete substrates (with Triflex Than Primer L 1K).

- Line markings with a smooth finish, agglomerate or profiled markings
- Temporary Type II agglomerate markings in yellow
- Textured, non-slip markings for surfaces and cycle paths
- Road signs
- Tactile markings for the blind
- Creation of design surfaces

One product – four methods of application



Smooth finish



Irregular agglomerate



Regular agglomerate



Profile