

Cold plastic

Preco Cryl Cold Plastic 2K



Product information

Applications

Preco Cryl Cold Plastic 2K is used for type I and type II markings as a closed-finish line, profiled or agglomerate marking.

Properties

The 2-component Preco Cryl Cold Plastic 2K, which has a polymethyl methacrylate resin (PMMA) base, offers the following features:

- Withstands mechanical loads
- Full-surface 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 Cold Plastic 2K – for closed-finish, agglomerate or profiled markings.

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 Cold Plastic 2K base resin* |
| 28.00 kg | Preco Cryl Cold Plastic 2K base resin* |

Container

- | | |
|-------------|--|
| 1,350.00 kg | Preco Cryl Cold Plastic 2K base resin* |
| 1,700.00 kg | Preco Cryl Cold Plastic 2K base resin* |

Catalyst

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

* Preco Cryl Cold Plastic 2K base resin is produced according to the season in normal (NO) or winter (WI) formulations. See product label.

Preco Cryl Cold Plastic is also available as a 3K variant.



Colours

- 1023 Traffic yellow
- 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. The stirring time is 2 minutes. Process immediately afterwards. Depending on the ambient temperature, 1 to 2 % of catalyst is added. See also the label.

Mixing ratio

Preco Cryl Cold Plastic with a mixing ratio of 98:2 (2K) and 1:1 (3K) differ only in the application method. From a chemical point of view, both mixing ratios are the same and achieve the same traffic engineering features and results.

Methods of application

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

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Material consumption

Preco Cryl Cold 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:

Volume approx. 2.20 kg/m².

Profiled marking:

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-system substances must not be added to 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 changes without notice in the interests of technical advancement or enhancement of our products.

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Product description



Preco Cryl Cold Plastic 2K is a solvent-free, 2-component product with a polymethyl methacrylate (PMMA) resin base. It enables Type I and Type II markings to be applied in the form of closed-finish line marking as well as agglomerates and profiles. Preco Cryl Cold Plastic 2K is particularly suitable for roads with high traffic volumes and high requirements for night visibility. However, Triflex cold plastic products are also used in industrial buildings and multi-storey car parks with high requirements for wear-resistance. Preco Cryl products are suitable for bituminous surfaces as well as concrete substrates (with Triflex Than Primer L 1K).

They can be applied by machine using an extruder and screed box technique as well as manually using a screed box, smoothing trowel or a knifing putty.

- Line markings with a smooth finish, agglomerate or profiled markings
- Temporary type II agglomerate markings in yellow
- Road signs
- Tactile markings for the blind
- Creation of design surfaces

One product – four methods of application



Smooth finish



Irregular agglomerate



Regular agglomerate



Profile