

Cold spray plastic

# Preco Cryl Spray-Applied Resin 2K



## Product information

### Applications

Preco Cryl Spray-Applied Resin 2K is used to create closed-textured, thin-layer Type I and Type II line markings.

### Properties

Preco Cryl Spray-Applied Resin 2K, which has a polymethyl methacrylate (PMMA) resin base, offers the following features:

- Withstands mechanical loads
- Fully bonded adhesion
- Weather-resistant (UV, IR, etc.)
- Alkali-resistant
- Fast-curing
- Elastic
- Cold-applied
- High yield thanks to low density
- 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 Spray-Applied Resin 2K – for closed-finish markings.

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

### Certifications and test data

Preco Cryl Spray-Applied Resin 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](http://www.triflex.com) under the heading "Markings" or at [www.triflex.com/certificates](http://www.triflex.com/certificates).

### Pack size

Drum  
38.00 kg Preco Cryl Spray-Applied Resin 2K Base Resin

Container  
1,200.00 kg Preco Cryl Spray-Applied Resin 2K Base Resin

Catalyst  
25.00 kg Triflex Liquid Catalyst

Or reactive beads:

Peroxide-coated reflective beads  
20.00 kg Echostar 5 BCP TECNO SRT  
20.00 kg Echostar 30 BCP TECNO SRT

Preco Cryl Spray-Applied Resin is also available as a 3K variant.



### Colours

1023 Traffic yellow

6024 Traffic green

9010 White

### Storage

Can be stored unopened and unmixed for approx. 6 months in a cool, dry place above freezing. Keep the container out of direct sunlight, even on the construction site.

### Mixing instructions

Before use, Preco Cryl Spray-Applied Resin 2K Base Resin is mixed with a slow-running mixing machine. Depending on the ambient temperature, 1 to 2 % of catalyst is added using a static mixer or a similar machine. Also see the label.

### Mixing ratio

Preco Cryl Spray-Applied Resin 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

98:2 method:

With this method, Preco Cryl Spray-Applied Resin 2K is applied by means of a 2-component marking machine using an airless or airspray technique in a mixing ratio of 98:2. Triflex Liquid Catalyst acts as the peroxide activator here. A static mixer, for example, can be used to mix both substances.

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Open system:

With this method, Preco Cryl Spray-Applied Resin 2K is applied by means of a 1-component marking machine using an airless or airspray technique. The reactive beads Echostar 5 BCP TECNO SRT or Echostar 30 BCP TECNO SRT, which are injected into the spray jet via bead pistols and subsequently dropped on, act as the peroxide activator. The ratio of Preco Cryl Spray-Applied Resin 2K to Technobeads is 1:1 or 1:1,2 for layer thicknesses >400 µm. The Technobeads must form an even covering over the wet line film. This is achieved when there are no more shiny areas visible.

### Material consumption

Preco Cryl Spray-Applied Resin 2K, density approx. 1.4 g/cm<sup>3</sup>

Closed-finish line marking:

Required volume approx. 0.84 kg/m<sup>2</sup> with a layer thickness of 0.60 mm

Required volume approx. 1.05 kg/m<sup>2</sup> with a layer thickness of 0.75 mm

Undercoat/refreshing:

Required volume approx. 0.42 kg/m<sup>2</sup> with a layer thickness of 0.30 mm

Required volume approx. 0.56 kg/m<sup>2</sup> with a layer thickness of 0.40 mm

Calculation formula:

Line width (m) x line length (m) x volume (kg/m<sup>2</sup>) = volume required for area (kg)

## Product description



**Preco Cryl Spray-Applied Resin 2K** is used for Type I and Type II closed-textured line markings. The cold spray plastic is perfect for marking roads with low traffic volumes, such as rural roads and streets in quiet residential areas. Because it dries very quickly, the product is also suitable for undercoats on roads with high traffic volumes or for refreshing agglomerates. The road can be reopened to traffic within 10 minutes of the application. In some cases, the flow of traffic need not even be disturbed at all.

### Drying time

Approx. 4 to 10 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.



Preco Cryl Spray-Applied Resin 2K can be applied using all conventional application methods with airless and atomiser techniques.

- Application of Type I line markings
- Application of Type II line markings
- Undercoating, e.g. for agglomerates
- Refreshing agglomerates
- 98:2 application method and open system