

HARD BI-COMPONENTE POLIURETHANE

TECHNICAL DATA SHEET

Polyurethane high traffic, transparent, solvent based, for interior and exterior

Great adhesion on any cementitious support, paint or wood

Totally waterproof

High resistance to abrasion and direct light in outdoors

Anti-slip and antibacterial.
Avoid the development of bacteria and fungus

3 perfect finishes: GLOSS, MATTE AND SATIN

Easy application without bubble

Application on walls and floors

Suitable for sports tracks

CIMENTART®
MICROCEMENT



INNOVATE SME

Valid until Nov 16th 2020



Commitment with the environment

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HARD BI-COMPONENTE POLIURETHANE CIMENTART - DATOS Y FICHA TÉCNICA

HARD BI-COMPONENT POLYURETHANE CIMENTART is a waterproof coating, colorless, based on reticent resins with isocyanates, solvent-based, with excellent hardness, chemical resistance and high resistance to yellowing.

It can be applied both outdoors and indoors, has a high resistance to washing and weathering, indicated in a special way to be applied in microcement coatings with high traffic.

With the application of **HARD BI-COMPONENT POLYURETHANE CIMENTART**, you get:

- Protection of Microcement coatings.
- Enhance your aesthetic finish.
- Increased abrasion resistance.

TECHNICAL DATA

| | |
|--|--|
| Type | High strength polyurethane resins |
| Color | Transparent |
| Specific weight at 20°C | 0,6 Kgs/Lts ± 2%. |
| Viscosity | 20". Ford 4 to 20°C |
| Lifetime of the mix | 4 h to 20 °C |
| Touch drying time | 4 h |
| Minimum time for repainting | Min 4 h - Max 72 hours |
| Application temperature | + 10°C / + 25°C |
| Voc | Directive 2004-42 CE |
| Final finishing after hardening | Gloss, Matte and Satin |

PHYSICOCHEMICAL CHARACTERISTICS

Persoz hardness at 20°C

| | | | | | |
|----------------|-----------------|-----------------|---------------|----------------|--------------|
| 4 hours | 12 hours | 24 hours | 7 days | 1 month | Total |
| 60" | 110" | 140" | 185" | 233" | 246" |

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RESISTANCE TO DOMESTIC CHEMICAL PRODUCTS

(ASTM D 1308 Top Covered)

| | <i>Water</i> | <i>Alcohol</i> | <i>Ammonia 3%</i> | <i>Bleach 4%</i> | <i>Hydrochloric acid 24%</i> |
|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| 1 hour | <i>Doesn't affect</i> | <i>Doesn't affect</i> | <i>Doesn't affect</i> | <i>Doesn't affect</i> | <i>Slight change</i> |
| 4 hours | <i>Doesn't affect</i> | <i>Slight change</i> | <i>Doesn't affect</i> | <i>Doesn't affect</i> | <i>Slight change</i> |
| 24 hours | <i>Doesn't affect</i> | <i>Slight change</i> | <i>Doesn't affect</i> | <i>Doesn't affect</i> | <i>Doesn't affect</i> |

USE INSTRUCTIONS

Before application of **HARD Bi-COMPONENT POLYURETHANE CIMENTART**, apply two coats of SEALER CIMENTART.

Mix the two components, by mechanical means, until obtaining a perfect homogenous mixture, in the following proportions: 2 parts of Polyurethane (Component A) for 1 part of Hardener (Component B).

Apply a layer, in an orderly manner and without extending too much or stretching the product, ensuring that there is no area left uncovered, without puddles, creating a layer about the thickness of a sheet of paper.

Apply very well drainage areas or joints where water can penetrate.

Apply a second layer in the same way.

In areas that may receive large amounts of water or moisture, it is recommended to apply 3 coats.

The final drying time before use must be at least 72 hours. The minimum waiting time before you can receive water is 5 days.

The product is supplied ready to use.

It should not be diluted, so as not to alter properties of hardness and impermeability.

Apply with a brush, microfiber roller or airless, on the surface clean of dust. It is recommended to go over the surface with the roller, to remove air bubbles, especially in very hot, dry or highly ventilated environments.

The tools and work tools are cleaned with universal solvent.

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Always apply in well-ventilated rooms.

Use the appropriate PPE, clothing, gloves and mask.

EFFICIENCY

With 1 liter of **HARD Bi-COMPONENT POLYURETHANE CIMENTART** can be applied approximately from 8 to 10 m².

We recommend 2 layers on surfaces without contact with water and 3 layers on surfaces in contact with the water (outdoor terraces, showers, bathroom countertops, etc.)

PRESENTATION

- Metal containers 1.5 Kg: 1 Kg Component A + 0.5 Kg Component B.
- Metal containers 6 Kg: 4 Kg Component A + 2 Kg Component B.
- Metal containers 30 Kg: 20 Kg Component A + 10 Kg Component B-

STORING

12 months, in a dry place protected from bad weather in its original recipient hermetically closed.

CIMENTART MICROCEMENT SL. Our systems are based in the research done at our laboratories and the many years of practical experience we have.

We guarantee that our products are manufactured, packaged and labeled under the rules of Normative ISO 9001:2008.

We decline any responsibility if the end result is affected by external factors not under our control.

The end user must check that the product supplied is adequate to the needs that is going to be used for, doing a test in any case that must be necessary.

Review date: 29-09-18.

The present document cancels the earlier editions.

