

PROTECTOR DUR EPOXY TECHNICAL SHEET

Protector DUR Epoxy

Protector DUR Epoxy is one of the best, extremely hard, 100% waterproof, solvent based two component, surface finish sealer on the market. Highly recommended for high traffic pavements - even suitable for passage of heavy machinery, wet areas and outside areas.

Provides great resistance to any support whether horizontal or vertical, giving it properties of high hardness against bumps or scratches, as well as protection against atmospheric agents.

Very viscous. Resistant to strong shocks caused by falling rocks, screwdrivers and even medium sized hammers. Resistant against hydrochloric acid.

PRODUCT CHARACTERISTICS

- Paints and coatings protective sealer, great hardness and durability
- Excellent mechanical resistance
- Unchangeable brightness
- High chemical resistance

AREAS OF APPLICATION

- Pavements and coatings based on cement, microcement and concrete.
- Bathrooms, toilets, showers, countertops as long as there is no constant water stagnation – not suitable for pools.
- Interior and exterior

APPLICATION

- The base should be completely dry and free of moisture.
- The base must be treated first with our Primer Protector
- Always use the same dosage.
- Do not add any additive to the mixture.
- Application temperature: 10 - 25 oC.
- The substrate should not contain moisture, must be totally dry
- Mix component A+B (ratio 4 :1), you can also add up to 15% of solvent xylene.
- Application by a solvent resistant hort hair roller, foam roller, sponge trowel or spray.
- Intervals between layers: 4-12 hours

TIMING APPLICATION:

- Dry to touch: 60-180 min.
- For repainting. 4 - 12 hours. approx.
- Drying total: 7 days
- Curing time: 6-7 days
- Maximum performance: 30 days
- Usage – 1L -6.6 per 2 coats

* These times can vary considerably depending on room temperature

TECHNICAL SPECIFICATIONS

Specific weight: 1.2 g / cm³
Viscosity: 120 sec (50% relative humidity, 20o C) - Appearance: paint
Proportion of the mixture in weight: *Resin: 80%, Hardener:20%

*These results are from standard tests and may vary depending on the conditions of the work.

TABLE OF RESISTANCE

Slip resistance UNE-ENV 12633: 2003 With microspheres: Class III / UK – R12
Slip resistance UNE-ENV 12633: 2003 Without microspheres: Class I / UK R10
Capillary absorption and water permeability: W <0.1 Kg / (m² * h^{0.5})
Colour stability: Excellent. Aliphatic, does not yellow outside.
Unalterable at temperatures: -30°C to 60°C

IMMERSION TESTS

Hydrochloric acid 10 and 20%	after 500 hours	unchanged
Sulfuric acid 10 and 20%	after 500 hours	Starts oxidize
Distilled water	after 8 months	unchanged
3.5% sodium chloride	after 8 months	unchanged
20% sodium hydroxide	after 15 days	unchanged
Ammoniac	after 3 months	regular
Isobutyl acetate	after 8 months	unchanged

NOTE: Instructions of use are given based on our testing and knowledge and do not imply any commitment. The responsibility is limited to the quality of the goods supplied.

ClaudiCemento LTD reserves the right, if necessary, to vary any of the information without notice.