



BlocSil®790

Highly abrasion-resistant, self-crosslinking methacrylate seal

BlocSil®790 is a chemical reactive 1-component product, to build transparent anti abrasion layers. BlocSil®790 can get diluted with water.

Layers of BlocSil®790 are very strong, resistant to abrasion, practically colourless, weatherproof, UV-resistant. They do not become yellow. The extraordinary high resistance against high migration of diluents is excellent. Car tyre - even hot wheels or wet wheels- won't leave any traces.

The excellent adhesion and unbeatable resistance to environmental influences and many chemicals make BlocSil®790 the material of choice for:

- **protection of concrete floors, screeds and terrazzo**
- **protection of flooring material made of natural materials and artificial stone**
- **protection of terracotta floors**
- **abrasion, stains, damages by de-icing salt and other aggressive pollutants.**

Processing

Processing is easy. BlocSil®790 is ready to use. It can get coated or sprayed. The surface should be clean and free of severing substances. Absorbent substrates should be primed. For this purpose BlocSil®790 diluted with 20 - 30 % water is used as a primer.

On smooth surfaces, one layer is enough. For higher abrasion protection and a layer, free of pores, two or more layers can be required.

BlocSil®790 first dries physically - by evaporation of the water contained in the product. The drying time is short, but depends on the temperature, humidity and substrate.

Important: Together with the film formation that starts when drying, the binder then cross-links and thereby BlocSil®790 reaches its high level of properties. For subsequent coatings with the same product, this reaction is of no importance, adhesion problems do not occur if there are long waiting times between individual operations.

Tools, equipment and fresh soiling of BlocSil®790 can be cleaned with water. it is helpful to use 2-3 % of a commercial detergent.

Properties

Composition	Polymethacrylate, additives and auxiliaries
Solvents	Water
Solid body	Approx. 40 %
Density	Approx. 1,03 gr/ml
Appearance	Lactic liquid
Layer consistency	Hard, clear, shiny, transparent
Consumption	100 - 150 gr/m ² (on smooth & dense surfaces)

Safety Storage Disposal

BlocSil®790 is not a dangerous working material and it is not flammable. However, the product must be stored in such a way that it is not accessible to unauthorised third parties and children. It will become unusable if exposed to frost. Recommended storage temperatures are + 5° C to + 30° C.

BlocSil®790 can be stored for at least 18 months in its original sealed container. Opened containers should always be tightly sealed immediately after product removal and processed within 8 weeks.

Empty containers can be recycled after rinsing with water or after the material residues have dried out. Liquid product residues are most easily hardened by mixing them with cement or plaster, thereby immobilising them and then disposing of them like building rubble.

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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ARCAN Waterproof

ARCAN GmbH Spezialbaustoffe

Kleinniedesheimer Strasse 19
D-67240 Bobenheim-Roxheim
Phone: +49 (0)6239 - 99 78 20
Mail: office@arcan.biz
Web: www.arcan.biz

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