

1. Product Profile

StenCare® 2MA 310 is a heavy duty, solvent-free, pourable grade methacrylate base repair and coating material. It has high adhesion and abrasion resistance properties, and it is resistant to chemicals. It is resistant to weak organic and inorganic acids and alkalis, oils, fuels and antifreezes and many chemicals.

StenCare® 2MA 310 is available in 18 kg sets.

2. Uses

Thanks to its very rapid curing property StenCare® 2MA 310 is used in repairing old concrete surfaces, broken slab and joint edges, as adherence promoter between old concrete and fresh concrete, for rigid anchorages and dowel bar fixing. Can be used both indoors and outdoors. Ideal for all kinds of repair where elasticity is not required. It has excellent adhesion to concrete, metal and wooden surfaces, and provides a stable and durable repair.

3. Surface Preparation

The surfaces where StenCare® 2MA 310 will be applied must be dry, free from contaminants such as oil, grease, sealant remains and loose particles. Metal surfaces must be cleaned by brush.

StenCare® 2MA 310 adheres excellent on many surfaces without primer; however, primer must be used at places in contact with water and in applications on glass, plastic or rubber.

4. Application

StenCare® 2MA 310 has two components. Components A and B are packed as sets to be completely mixed. First component A is opened and it is homogenized for 30 seconds. Entire component B is poured on component A and they are mixed by a low-speed drill for at least 1-2 minutes, until a homogeneous mixture is obtained.

Prepared mixture must be used immediately within the pot life. StenCare® 2MA 310 will stay pourable for approximately 10 minutes however in order to prevent surface problems it is advised to complete the application in 5 minutes. Thickened materials must not be thinned and used.

Methacrylate Based Self-Levelling Repair and Coating Material

Highlights

- Fast Curing
- Heavy-duty
- High load bearing properties
- Resistant to heavy chemicals
- Skid reduction
- 100% compatible with concrete
- Long-lasting

In applications deeper than 25 mm, the product should be poured in two or more layers. Approximately 1 hour after the first layer is poured, the second layer can be applied. If more than two coats will be applied, this process is repeated.

In places where repaired areas subject to high thermal expansion and extreme ambient conditions, it is advised to cut joints around the repair area and seal with StenSeal® brand joint sealants.

Temperature and application thickness effect the time required for trafficability. Are can be opened for traffic 1 hour after the application of the last layer at 20-30°C. Below 15°C and over 30°C please contact to our technical departments.

5. Cleaning

Application devices can be cleaned by using StenSolver CL after application.

6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Emptied packages must be handled in compliance with relevant regulations and laws.

7. Storage

The material must be kept in dry indoor storage away from direct sunlight. Recommended storage temperature is 10 – 30°C. Stored in the right conditions, unopened material will keep its properties until its shelf time indicated on packing.

9. Technical Data

Properties	Results
Base Polymer	2 Component Methacrylate
Color	Sand-Gray
Density (A+B)	2.20 ± 0.10 g/cm ³
Application Thickness for Every Layer	Maximum 25 mm
Compressive Strength (2 hours @ 20°C)	>60 MPa
Compressive Strength (24 hours @ 20°C)	>90 MPa
Bond Strength	> 6 Mpa
Volume Loss	< %0,3
Pot life of the mixture @20°C	5 minutes
Cure Time for Trafficability @20°C	1 hour
Cure Time for Chemical Resistance	1 day

Stenkim® reserves the right to make changes in the values in this table at any time.

8. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by Stenkim® and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All Stenkim® products are available in specified quality and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by Stenkim®.

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