

# StenCare<sup>®</sup> 2MA210

## 1. Product Profile

StenCare<sup>®</sup> 2MA210 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 alkalies, oils, fuels and antifreezes and many chemicals.

StenCare<sup>®</sup> 2MA210 is available in 10 kg sets.

## 2. Uses

StenCare<sup>®</sup> 2MA210 is very rapid curing 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. It is used indoors and outdoors, in 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<sup>®</sup> 2MA 210 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<sup>®</sup> 2MA210 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.

**Note:** Detailed information on surface preparation is provided in “Surface Preparation: Floor Surfaces to be Coated” document.

## Methacrylate Based Self Leveling Repair and Coating Material

### Highlights

#### StenCare<sup>®</sup> 2MA210

- It is methacrylate based.
- It is heavy duty.
- It is rapid curing and could be used all emergency repair.
- It has high load bearing properties.
- It is resistant to chemicals.
- It is a long lasting material convenient to use.

## 4. Application

StenCare<sup>®</sup> 2MA210 is a two component material. 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 manually or by means of a low speed drill at least 1 - 2 minutes until a homogeneous mixture is obtained.

Prepared mixture must be used immediately within the pot life. StenCare<sup>®</sup> 2MA210 can be pourable approximately 10 minutes unless to prevent surface problem it is advised to be finished in 5 minutes. Thickened materials must not be thinned and used.

# StenCare<sup>®</sup> 2MA210

Application shouldn't be more than 4cm depth in one layer. Over 4cm depth repairs should be made in multilayer system. In at least 20 minutes and at most 8 hours a new layer could be applied.

It is advised to make a joint around the repair areas and seal with **StenSeal**<sup>®</sup> brand joint sealants where repaired areas subject to high thermal expansion and extreme ambient conditions.

For traficability after application of the last layer 1 hour should be waited at 20-30°C. Below 15°C and over 30°C please contact to our technical departmants.

## 5. Cleaning

Mixing and application tools must be cleaned with an aromatic solvent right after being used. **StenSolver CL** can be used for this purpose.

## 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 storages. Recommended storage temperature is 10 - 30°C. Stored in these conditions, the shelf life is 12 months.

## 8. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by **Stenkim**<sup>®</sup> and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All **Stenkim**<sup>®</sup> 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**<sup>®</sup>.

**Stenkim**<sup>®</sup> reserves the right to update all information contained in this document without notice.

# StenCare® 2MA210

## Technical Data

Property	Method	Result
Base Polymer		2 Components Methacrylate
Solids Content %		99
Colors		Catalog
Density (A+B)		2,10± 0,10 g/cm <sup>3</sup>
Compression Strength (2 days)	EN 1504-2	40 ± 4 MPa
Compression Strength (14 days)	EN 1504-2	58 ± 2 MPa
Bond Strength	EN 1504-2	6,25 Mpa (Concrete Fails)
Cure Time For Trafficability @20°C		1 hour
Cure Time For Chemical Resistance		14 days

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