

STARCEMENT 4/R

FAST-SETTING PRIMER MADE FROM PURE EPOXY RESIN WITH ALIPHATIC AMINE HARDENER



CHARACTERISTICS

High short-term mechanical properties.

Ideal for **concrete substrates with surface oil**.

Meets the requirements of **standard 13813** for synthetic resin-based screeds.

Fast curing: touch-dry just a few hours after application.

APPLICATION TEMPERATURE

Minimum curing temperature from **+5°C**.

TEMPERATURA DI ESERCIZIO

Operating temperature **da -35°C a +80°C** in air.

FIELDS OF APPLICATION

- Adhesion primer for the construction of **screeds**, **machine bases**, support surfaces, **grouting**, and **anchorages** subject to heavy stress
- **Repair** of concrete flooring surfaces
- **Restoration** of overhead crane runways and beam supports
- Preparation of **anchorages** on surfaces with residual contamination from **oils** and **greases**

PRODUCT PREPARATION

Two-component product to be thoroughly mixed before use with a low-speed mechanical propeller mixer. Add component B to the bucket containing component A and mix for approximately 1 minute until the product is completely homogenised.

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PREPARATION OF THE SUBSTRATE

- The surfaces to be treated must be **sound, compact, free from dust and contamination** by foreign substances (dirt, oil, grease, release agents, etc.).
- The **concrete substrate**, following adequate mechanical preparation, must have a surface tensile strength greater than 1.5 MPa, measured using suitable equipment.
- The substrate **contaminated with oils and grease** must be scarified as much as possible to remove the most heavily contaminated layer.

It is essential to **roughen** the surface before application. The choice of mechanical preparation method (sandblasting, sanding, grinding, shot blasting or milling) should be based on the condition of the substrate and the type of coating to be used.



APPLICAZIONE DEL PRODOTTO

STARCEMENT 4/R can be applied with a trowel.

The approximate consumption of **STARCEMENT 4/R** is 400 g/m².

Always use unfilled **STARCEMENT 4/R** as an adhesion primer.

On oily concrete substrates, application must be preceded by mechanical treatment (sandblasting/shot blasting/milling). Immediately after mechanical treatment, proceed with the application of **STARCEMENT 4/R**.

WARNINGS AND PRECAUTIONS

- Avoid application at temperatures below +5°C.

SAFETY AND CLEANING

When applying these products, it is recommended to wear goggles, masks and rubber gloves, as well as all PPE required by current regulations.

After use, tools must be thoroughly cleaned with **DILUENTE 21**.

For further information regarding precautions for use, please refer to the safety data sheet.

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TECHNICAL DATA		
Colour		Transparent
Specific weight	EN ISO 2811-1	1,05 ± 0,05 kg/l
Mixing ratio		100 parts by weight of comp. A 30 parts by weight of Comp. B
Pot life at 20°C	EN ISO 9514	15 minuti
Non-volatile content	EN ISO 3251	100 %
Adhesion to concrete	ASTM D4541	> 3.5 MPa
Adhesion to sandblasted steel	ASTM D4541	> 10 MPa

The data and specifications provided in this data sheet, based on best practice and laboratory experience, are to be considered indicative in all cases. Given the varying conditions of use and the influence of factors beyond MPM's control (substrate, environmental conditions, technical installation guidelines, etc.), anyone intending to use the product is required to determine whether or not it is suitable for the intended application. Our warranty obligation is limited to the quality and consistency of the finished product in accordance with the data provided above, and applies only to technical data sheets bearing the stamp and countersignature of authorised personnel at our head office. Furthermore, the customer is required to verify that these values apply to the specific batch of product in question and have not been superseded or replaced by subsequent editions and/or new formulations. The data contained herein may be subject to change at any time without prior notice from MPM.