

MMA BASED, SOLVENT FREE, TWO COMPONENTS, FLOOR AND QUICK REPAIR MORTAR.

Description:

POLYCOAT M-112A is a two components, MMA based mortar. It is suitable for indoor and outdoor areas. It can be used as a floor coating material for areas subjected to heavy traffic and some chemicals. Mainly used as a quick repair mortar, for areas where cracks and holes may cause dangerous situation and quick repairing is necessary.

Special Features:

- *MMA based,
- *Two components,
- *Fast curing period (approx.1. Hour),
- *Long lasting,
- *Easy to use.

Application areas:

POLYCOAT M-112A can be applied on:

- *Cement,
- *Brick,
- *Mosaic (terrazzo).
- *All types of Military area,
- *Airports, seaports,
- *Industrial areas,
- *Roads, highways,
- *Bridges,
- *Car parks.
- *It is a very good solution for fixing machines, columns, etc. to the floor (Anchorage).
- *On any floor which will subjected to some Chemicals.
- *On heavy duty floors.

Advantages:

- *Long lasting,
- *Easy to use,
- *Easy to repair,
- *Full resistance against UV and all weather conditions,
- *Full resistance for heavy load, many chemical materials,

*Thermoplastic flexibility.

*Solvent free and a fast curing period.

*It has a very strong and high adhesive properties.

Technical Features:

Delivery Form: **Two components, fluid (A+B components)**

Color: **Grey, Red, Green, Black**

Use: **2000 kg. /m³**

Compressive strength: **34 N/mm²**

Bending Strength: **24 N/mm²**

E-Module: **4350 N/mm²**

Ball Impact Hardness: **41 N/mm²**

Drying Period (20 ° C): **~ 1 Hour**

Application Time (after mixing A+ B Components): **~ 25 minutes.**

Storage: 6 months in dark, dry, room temperature

Packages: 18 Kg. (A+ B Components)

Application Information:

With conventional methods, the necessary tools are prepared such as brush or roller, masking tapes, pails, special thinner and trowel .Depending on the surface condition surface preparation machine such as sanding or grinding machine may also be necessary.

*Mixer: To mix A+B component homogenously.

*Apply **POLYCOAT M-112A primer** with



METOP ENDÜSTRİYEL ZEMİNLER

İnşaat Sanayi ve Ticaret Ltd. Şti.

Büyükdere Cad., Çayır Çimen Sokak ,A2 Blok, Kat :8 Daire 32 Levent -İSTANBUL

Tel : +90 212 268 15 70 - 282 81 97- 269 09 58 - 284 19 90-91 Fax :+ 90 212 269 44 84

web: www.metop.com.tr, E-mail: info@metop.com.tr

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brush and/or roller over the surface.
Aprox.200-300 g/m² is necessary. It dries in 1 hour.

* **Polycoat M112A** special surface etching material can be necessary to get better adhesion when applying on smooth or hardened concrete surface.

Surface preparation:

* The surface must be clean, dry and in good condition. Depending on the surface condition grinding or sanding may be necessary and do not apply unless the surface is in good condition and properly cleaned and prepared. Finish all repair work with one of the suitable METOP repair material before starting any application.

*If the surface is new, wait for solidification period. (e.g. 28 days for cement)

*Use Acrylic base repair filler for fixing the cracks of the wall.

*The air circulation and ventilation of the application area must be in good condition. You also need light for night application and electricity for application tools.

*Always apply **Polycoat M112A primer** before applying **Polycoat M112A**.

Application:

*Apply **Polycoat M112A primer** with a brush and/or roller. It dries in 1 hour.

*Mix A+ B components of **Polycoat M112A** homogenously for approx.2-2, 5 minutes. After mixing it must look like a normal cement mortar.

*Apply with a trowel on the surface, where

primer has already been applied.
Spread it to cover the whole area. It dries in 1 hour.

*Fix any mistakes or remove surplus material from the edges with emery paper or hand grinding machine.

*Clean the application tools with special thinner.

*Flooring application with **Polycoat M112A** needs experience. Please contact our technical department for details.

Attention:

*Don't carry out any application, if the Surface is not clean, dry and in good conditions.

* Don't mix any other chemicals, which are not written or pointed out in this technical data sheet. It will decrease the quality and long lasting of our products.

*After mixing the A+B Components you have approx. 25 minutes to carry out the application(Pot-life). For this reason check all details which may interrupt the application before staring mixing and do not wait after mixing.

*If the area to be filled is deep, application must be in several layers (max 1.0 cm /layer).

*Before applying we recommend to implement a sample for finding problems, which may effects the application period.

The information of this technical data has priority of the product and product application.

Our company has the right to change the technical data according to findings of our research and development department.

After a new version of technical data, the old version lost the validity.If we don't supervise the application, we offer only quality guarantee.



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POLYCOAT M-112A

PRODUCT DATA SHEET

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