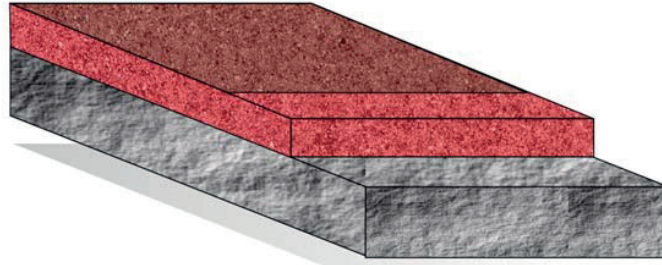


AMPUR MP - BROADCAST SYSTEM

PRODUCT DATA SHEET



Description:

AMPUR MP – BROADCAST SYSTEM is a three-component system that consists of mineral polyurethane - polyurea composite materials. It is composed of sealing and fullering substance (MP PRIMER), intermediate colourant resin-based layers (MP 3 FLOORING) broadcast with proper aggregate and topped with colourant layers (MP COATING). It is possible to form a UV radiation – resistant system (MP-UV COATING). Layers are laid with proper long floats or squeegees, smoothed and deaerated with pin or paint rollers. A full broadcast with proper aggregate is performed on unhardened surface.

The final effect is a surface with increased non-slipperness, resistance class R = 11 – 14

Use:

With good application and performance parameters, the product can be suitable for places, where high resilience parameters are desirable. With good application and performance parameters and the possibility of achieving a non-slippery texture, the product is recommended particularly for wet areas, with particularly high loads, e.g., external access roads.

Properties:

Thanks to a special selection of types and fractions of aggregate, extremely durable and appropriately non-slippery surfaces can be obtained. All AMPUR MP materials and systems are characterized by high mechanical, chemical, temperature and biological resistance, as well as short curing times. Due to the diffusive nature they can be applied on high humidity surfaces.

Substrate:

All Ampur MP surface systems can be applied on properly prepared surfaces with appropriate bearing capacity. The typical surface is seasoned and dry concrete of a minimum class of C 25/30. Consistency (detachment) - min. 1.5 MPa. The surface should be even, absorptive and cleaned of lime milk and external materials. Temperature: 10 - 20 °C (+3 °C higher than the dew point). Humidity: max. 6%

Technical Specification:

Resistance to destructive factors (mechanical and temperature) will largely depend on the quality and preparation of the surface and the thickness of the solution. The thicker the systems are, the higher are the parameters.

Compression strength	- min. 55 MPa
Tension strength	- min. 5,0 MPa
Bending strength	- min. 12,0 MPa
Concrete detachment	- concrete breaking (min. 2,5 MPa)
Abrasion	- AR < 1,5
Impact	- IR > 10
Spread of flame	- Bfl - S1
Thermal resistance 3 / 6 mm	- 60 / 85 °C

Example application (AMPUR MP – BROADCAST SYSTEM, thickness 4,0 mm):

- prepare and prime the substrate - as per AMPUR MP Material Application Manual
- AMPUR - MP PRIMER consumption - about 0,5 – 2,0 kg/m² (depending on the surface roughness)
- prepare AMPUR – MP 3 FLOORING material, fill in and smooth out all the holes and expansion joints. If necessary, grind and vacuum "spot repairs" before applying the proper layer.
- prepare AMPUR – MP 3 FLOORING material and apply using squeegees, then roll the material into an even layer with paint or pin rollers. MP3 FLOORING consumption – about 3 – 5 kg/m²
- sweep the excessive aggregate, then grind smoothly and vacuum the surface
- prepare AMPUR – MP COATING material and apply using rubber or metal floats. Roll the material into an even layer with a paint roller. MP COATING consumption – about 0,5 – 1,5 kg/m²
- restore and fill the expansion joints using AMPUR PU EXPANSION system
- perform proper finishing of the intersections of the flooring and vertical surfaces (roundings/plinths)

PPHU AMPUR Piotr Mundzia ensures a high quality of products and takes responsibility for any damages to the materials supplied. However, operating and ambient conditions, as well as material preparation and application are beyond our control, hence, no liability is expressed in terms of the final effect of the materials used at the Construction Site. All materials can be used only by trained and experienced Staff, in accordance with application and ambient recommendations specified in the Application Manual for AMPUR MP Materials. All the information and recommendations are based on our extensive knowledge and experience.

Prior to use, the substrate, ambient conditions and quality of the materials should be inspected. In case of any doubts or non-standard use, please consult our sales representatives.

This document remains effective until the new version is issued.

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