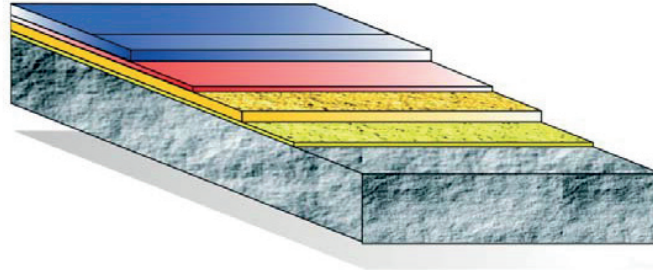


AMPUR PU - POURED SYSTEM

PRODUCT DATA SHEET



Description:

AMPUR PU – POURED SYSTEM multi-component, semi-flexible surface system composed of epoxide materials (PRIMER) and polyurethane materials (PU FLOORING PU-S or PU-E). 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 = 8 – 10.

Use:

With good application and performance parameters, and the possibility of achieving semi-flexible and expansion-free surface – product can be intended for spaces of high aesthetic requirements and medium mechanical loads, for example, offices or technical rooms.

Properties:

With a special selection of types and fractions of aggregate, extremely durable and appropriately non-slippery surfaces can be obtained. All AMPUR PU materials and systems are characterized by high mechanical, chemical, temperature and biological resistance, as well as short curing times. They maintain increased flexibility at various temperatures and, at the same time, they can be used as smooth hydro-insulation systems.

Substrate:

All Ampur PU 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 20/25. Consistency (detachment) - min. 1.5 MPa

The surface should be even, absorptive and cleaned of lime milk and external materials.

Temperature: 10 - 20 °C (+5 °C higher than the dew point) .

Humidity: max. 4%

Technical Specification:

resistance to destructive factors (mechanical and thermal) will largely depend on the quality and preparation of the surface and the thickness of the solution being used. The thicker the systems, the higher the parameters.

Compression strength - min. 50MPa

Tension strength - min. 5 MPa

Bending strength - min. 10 MPa

Detachment from concrete - concrete breaking (min. 2,5 MPa)

Abrasion - AR < 1,5

Impact - IR > 10

Spread of flame - Bfl - S1

Thermal resistance - max. 65 °C

Application example (AMPUR PU – POURED SYSTEM, thickness 2,5 mm):

- prepare and prime the surface - as per AMPUR MP Material Application Manual
AMPUR EP PRIMER consumption – about 0,2 - 0,5 kg/m² (depending on the surface roughness and absorptiveness)
- prepare AMPUR PU-S 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 – PU-S COATING material and apply using rubber or metal floats. Roll the material into an even layer with a paint roller.
PU COATING consumption – about 0,5 – 1,0 kg/m²
- prepare AMPUR – PU-UV COATING material and apply using rubber or metal floats. Roll the material into an even layer with a paint roller. PU-UV COATING consumption – about 0,1 – 0,20 kg/m²

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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