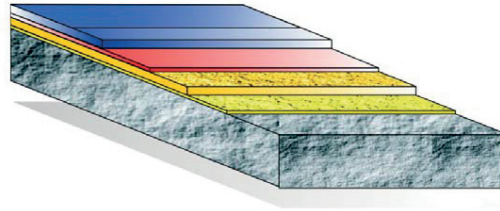


AMPUR PU - BROADCAST SYSTEM

PRODUCT DATA SHEET



Description:

AMPUR PU – BROADCAST SYSTEM multi-component, semi-flexible surface system composed of epoxide materials (EP PRIMER) and polyurethane (PU-S FLOORING AND PU-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 = 10 – 12.

Use:

With good application and performance parameters, as well as the possibility of achieving semi-flexible and expansion-free surface – product can be used for spaces of high aesthetic requirements and medium mechanical loads, for example, garages or parking lots.

Properties:

Thanks to a special selection of types and fractions of aggregate, extremely durable and appropriately slip-resistant 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.

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. 50 MPa
Tension strength	- min. 5 MPa
Bending strength	- min. 10MPa
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

Example application (AMPUR PU – BROADCAST 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-E FLOORING material, apply with a squeegee roller and roll the material into an even layer using pin rollers.
AMPUR PU-E FLOORING consumption: about 0,5 – 1,0 kg/m²
- perform a full cast on a newly-laid layer using proper mineral aggregate. Aggregate consumption – about 3 – 5 kg/m²
- sweep the excessive amount of unbound aggregate, then grind the surface smoothly and vacuum.
- 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
- 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

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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