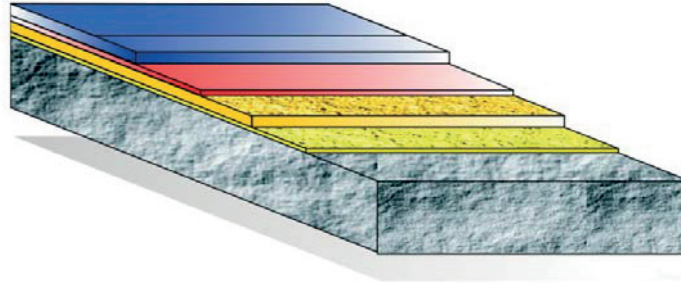


## AMPUR EP - STONE CARPET SYSTEM

### TECHNICAL DATA SHEET



#### Description:

AMPUR EP – STONE CARPET SYSTEM is a multi-component hard surface system composed of epoxide materials (EP PRIMER) and colourant mineral aggregate. Layers are laid with proper long floats or squeegees, smoothed and deaerated with pin or paint rollers. Surface layers are laid using trowel or broadcast technique. The final effect is smooth, flexible surfaces, with a smooth texture R = 8 - 10.

#### Use:

Thanks to high application and performance characteristics and aesthetic values, the product can be used in offices, warehouses or factories.

#### Properties:

All AMPUR EP materials and systems have high mechanical, chemical, thermal and biological resistance.

#### Substrate:

All Ampur EP 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. 75 MPa
Tension strength	- min. 5,0 MPa
Bending strength	- min. 10,0 MPa
Detachment from concrete	- breaking the concrete ( min. 2,5 MPa )
Abrasion	- AR < 1,5
Impact	- IR > 4
Spread of flame	- Bfl - S1
Thermal resistance	- max. 65 °C

#### Application examples (AMPUR MP – STONE CARPET SYSTEM, thickness of 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/m<sup>2</sup> (depending on the surface roughness and absorptiveness)
- prepare AMPUR EP 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 - AMPUR EP FLOORING material, apply using a squeegee roller and roll the material into an even layer using pin rollers. AMPUR EP FLOORING consumption: about 0,5 – 1,0 kg/m<sup>2</sup>
- perform a cast on a newly-laid layer using properly coloured mineral aggregate. Aggregate consumption: about 1 – 2 kg/m<sup>2</sup>
- prepare AMPUR EP-BB LACQUER material and about 2 – 3 parts of the coloured aggregate and thickening additives (e.g., dolomite flour). Mix thoroughly and apply thin layers using metal floats. Roll the material into an even layer and perform a small, additional topping with colourant aggregate, if necessary. Smooth the surface carefully using mechanical floats. Material consumption: about 0,5 – 1,5 kg/m<sup>2</sup> (resin), 3 – 5 kg (aggregate).
- prepare AMPUR –EP-BB LACQUER material and apply with rubber or metal float, then roll.

PPHU AMPUR Piotr Mundzia guarantees 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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