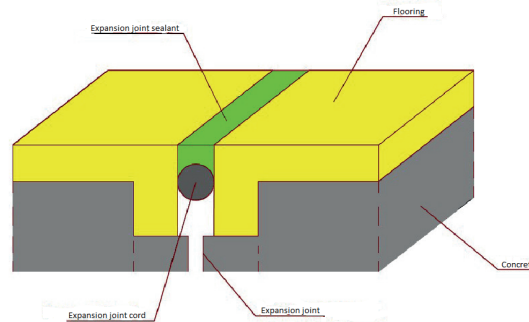


## AMPUR PU - EXPANSION SYSTEM

### TECHNICAL INFORMATION



#### Description:

AMPUR - EXPANSION SYSTEM – system composed of one-component priming material: AMPUR – PRIMER PU-1K, foam sealing cord and fast-curing, three-component, colourant semi-flexible polyurethane-polyurea material AMPUR - PU EXPANSION MATERIAL, with high resistance parameters (mechanical, thermal and chemical).

#### Use:

With the above-mentioned properties and the colour being compatible with the whole AMPUR system, this material can be used particularly for AMPUR surfaces, as a flexible composition of its various, fixed components.

#### Properties:

Due to the flexibility of materials being used, AMPUR EXPANSION SYSTEM perfectly supplements fixed surfaces of the AMPUR system.

#### Substrate:

All the components of PU EXPANSION SYSTEM can be applied on the hardened AMPUR composite materials, observing appropriate ambient conditions.

**Temperature:** 10 – 25 °C (+3 °C higher than the dew point).

**No humidity.**

#### Technical data:

resistance to destructive factors (mechanical and thermal ones) largely depends on the thickness of the solution being used. The more thick systems, the higher the parameters.

#### Typical parameters:

Compression strength	- 50 MPa
Bending strength	- 10 MPa
Detachment strength	- 2,5 MPa
Detachment - breaking	- 100 %
Spread of flame	- B1-s1
Thermal resistance	- 75 C

#### Application example:

**Expansion joint, width - 4 mm, depth - 10 mm ( e.g. flooring, 6 mm thick )**

- mark and cut proper expansion joints
- prepare AMPUR PRIMER PU-1K material and apply with a brush  
Material consumption for AMPUR PRIMER PU-1K: approx. 0,01 kg/mb
- prepare and fix proper foam cord
- prepare and apply AMPUR – PU EXPANSION SYSTEM directly from the package or with an application tool (syringe), then smooth the surface (by deaerating).  
Material consumption for AMPUR – PU EXPANSION SYSTEM: approx. 0,05 – 0,1 kg/mb
- remove protection tapes, smooth the edges and leave for about 12 hours.

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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