

## AMPUR - PU JOINT SEALANT

### PRODUCT DATA SHEET

#### Description

AMPUR – PU JOINT SEALANT - Three-component, colourant, long-lasting and fast-curing material based on thixotropic polyurethane resins polyisocyanate hardeners and pigment paste. Product compatible with AMPUR systems in terms of colourings.

#### Use

AMPUR – PU JOINT SEALANT - used for flexible filling expansion joints, especially intended for AMPUR surfaces.

#### Mixture properties and components ratio

AMPUR – PU JOINT SEALANT				
Stage	Appearance	Quantity	Density	Viscosity
Component A	Milky-beige, thixotropic paste	2	1,1	Thixotropic paste
Component B	Clear, brown, low viscosity liquid	0,5	1,2	150
Component C	Colourant pigment paste	0,5	1,75	250
Mixture	Colourant, thick liquid, pudding consistence	3	1,20	Thixotropic fluid

#### Material processing and preparation

Prepare the mixing area and a proper amount of AMPUR – JOINT SEALANT material components.

Add proper pigment (comp. C) to component A and mix thoroughly (drilling machine).

Add component B (isocyanate hardener) and mix again (800 rpm, for 2 – 3 min.) to obtain a pudding consistence substance.

Then put the paste in an application tool (a large syringe, oiler) and apply on previously prepared expansion joint (taped, primed, with a foam cord inserted).

Open time (processing and treatment): approx. 20 – 30 min.

#### Application

Apply on previously prepared expansion joints only. Do not apply on wet joints.

Tape expansion joints with paint tape and prime with AMPUR – PRIMER PU-1K, using a proper brush, then insert a proper foam cord (25% thicker than joint width) and set the proper depth. The joint width depends on the substrate properties (shrinkage).

Apply prepared sealing material with a small excess, then scoop and smooth expansion joint surface with a flexible float (e.g. cream spatula)

After ~ 15 – 60 min. remove the tape and protect new-sealed joint for about 6 – 12 h.

Scoop any remains and used tape into a disposal bucket.

#### Material performance and consumption

Material consumption is conditioned by the width and depth of the expansion joint; for a normal expansion joint (6 mm width, 10 mm depth) it is 0,10 kg/mb.

Performance: 1 package (3,00 kg) should be sufficient for covering approx. 30 mb expansion joint.

#### Cleaning

If the need arises for cleaning substrate or unhardened material tools, proper organic solvents (e.g. xylene) or cleaning cloths can be used.

It is advisable that cleaning activities are performed outside the working area, in a specially designated area. After material Curing, any soilings become insoluble, but they can be subjected to mechanical cleaning.

#### Health and Safety notes

Each material and component is supplied with a Safety Card.

It is recommended that safety glasses, gloves and anti-dust masks are used during material application, handling and mixing.

#### Storage

All Ampur materials should be stored in a dry and shady area.

Optimum temperature: 10 – 25 °C.

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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