

AMPUR - MP-UV COATING

PRODUCT DATA SHEET

Description

AMPUR EP – MP-UV COATING - five-component composite material based on water dispersion process, modified polyisocyanates, UV stabilizer, liquid pigment and reactive mineral fillers.

Use

AMPUR EP – MP-UV COATING can be used for levelling and applying surface layers on any surfaces in AMPUR MP systems – especially intended for spot exposed to high UV radiation.

Mixture properties and components ratio

AMPUR – MP-UV COATING				
Stage	Appearance	Quantity	Desity	Viscosity
Component A	Milky-white, low viscosity liquid	0,9	0,95	250
Component B	Clear, colourless, low viscosity liquid	1,50	1,1	250
Component C	Fine aggregate mixture	1,25	0,65	powder
Component D	Colourant, medium viscosity liquid	0,5	1,75	250
Component E	UV stabilizer mixture	0,2	1,0	1500
Mixture	Colourant, thick mass	4,35	1,25	thixotropic liquid

Material preparation

Prepare the mixing area and a proper amount of AMPUR – MP-UV COATING material

Pre-mix the component A by shaking vigorously, open the caps.

Put component A, B, D and E simultaneously into a clean and high container (~5 dcm³ capacity)

Mix the liquid components with a high-speed stirrer (800 – 1000 rpm)

Pour the material into another container (10 dm³) and add the component C while mixing, then mix again to obtain a homogeneous mass (approx. 800 rpm, for 2 – 3 min.)

Use the material immediately and apply on the prepared substrate, then smooth.

Open time (processing and treatment): approx. 15 - 30 min.

Close empty containers and return either to the manufacturer or for reclamation/disposal.

Application

Do not apply on wet and dirty surfaces or if there is a risk of vapour condensation.

Apply prepared material on the substrate, spread into an even layer with metal floats or paint brushes (vertical surfaces)

Should any corrections be necessary, level the texture with a short-nap roller

The above activities should be carried out within 10 - 15 min., otherwise the material will no longer be suitable for use.

Skim any remains from the package into a metal waste disposal bucket.

Material performance and consumption

Material consumption is conditioned by substrate roughness, temperature, and tools being used

Normal consumption: 0,5 – 1,0 kg/m² (0,25 – 0,50 mm thickness)

Performance: one package (4,35 kg) should be sufficient to make approx. 4,0 m² of coating, 0,5 mm thick.

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 hardening, contaminations 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 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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