

# PROCEN AP/1 TRANSPARENT

HIGH-STRENGTH IMPREGNATING AND CONSOLIDATING FIXATIVE BASED ON SOLVENT-BORNE METHACRYLIC RESINS



## CHARACTERISTICS

Excellent resistance to <b>weathering</b> .
<b>Rapid</b> drying.
Good <b>penetration</b> capacity.
<b>Waterproof</b> and permeable to water vapour.
Good resistance to <b>penetration by oils and greases</b> .
<b>Wheel bearing</b> .
No tendency to <b>yellow</b> .
Can be applied to <b>freshly laid concrete</b> after an interval of 8 hours (preliminary tests are recommended).

## APPLICATION TEMPERATURE

Can be applied **da +5°C a +35°C** on the substrate.

## OPERATING TEMPERATURE

Operating temperature **da -30°C a +85°C**.

## FIELD OF APPLICATION

- **Consolidating, dustproofing, wear-resistant and oil-repellent** treatment for concrete flooring, including newly laid surfaces.
- **Penetrating primer** for crumbling and porous concrete surfaces, providing waterproofing and protection against atmospheric agents.
- **Transparent protective coating** for stamped outdoor flooring.

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## PREPARATION OF THE SUBSTRATE

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- The surfaces to be treated must be **sound, compact, free from dust and contamination** by foreign substances (dirt, oil, grease, release agents, etc.).
- Deteriorated joints, holes and other irregularities must be properly levelled and repaired using an epoxy filler such as **STARCEMENT 385**, or an epoxy mortar such as **DUROGLASS P1/2** suitably reinforced with quartz or **ADDENSANTE NT2**.

It is essential to prepare the surface prior to application. The choice of mechanical preparation method (sanding, grinding) should be based on the condition of the substrate and the type of coating to be used.

## PRODUCT PREPARATION

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The product is **ready for use** following thorough mixing with a low-speed mixer.

## DILUTION AND TINTING

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The product is ready for use and requires no dilution.

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## PRODUCT APPLICATION

**PROCEM AP/1 TRANSPARENT** can be applied using:

- Roller
- Brush
- Airless or low-pressure spray

The consumption of **PROCEM AP/1 TRANSPARENT** varies depending on the type of finish required:

A. PRIMER: one application at **0.08–0.12 kg/m<sup>2</sup>** depending on the absorbency of the substrate.

B. TRANSPARENT IMPREGNATING PROTECTIVE COATING: two applications with a consumption of **0.1–0.15 kg/m<sup>2</sup>** depending on the absorbency of the substrate.

## SAFETY AND CLEANING

When applying these products, it is recommended to wear safety goggles, face masks and rubber gloves, as well as all PPE required by current regulations.

After use, tools must be thoroughly cleaned with **DILUENTE NITRO**.

For further information regarding safety precautions, please refer to the safety data sheet.



# PROCEM AP/1 TRANSPARENT

TECHNICAL DATA		
<b>Colour</b>		Transparent
<b>Specific weight</b>	UNI EN ISO 2811-1	0,93 ± 0,02 Kg/l
<b>Curing at 22°C, 50% R.H.</b>		- touch dry: 30 minutes - over-application: 60 minutes - fully cured: 16 hours
<b>Non-volatile substances</b>	EN ISO 3251	21% by weight
<b>Airless spraying</b>		
Nozzle diameter		0,013-0,018 inches
Nozzle angle		40–80 degrees
Spray pressure		60-140 bar
<b>Low-pressure spraying</b>		
Nozzle diameter		1,2-2,0 mm
Air pressure		2-4 bar
Spray pressure		1,0-1,5 bar
<b>Adhesion to concrete</b>	ASTM D 4541	> 2,5 MPa
<b>Storage</b>		The product, in its original sealed packaging, stored in a dry and protected place at temperatures between +5°C and +35°C, has a shelf life of 12 months. Do not expose to frost.

The data and specifications provided in this data sheet, based on best practice and laboratory experience, are to be considered indicative in all cases. Given the varying conditions of use and the influence of factors beyond MPM's control (substrate, environmental conditions, technical installation guidelines, etc.), anyone intending to use the product is required to determine whether it is suitable for the intended application. Our warranty obligation is limited to the quality and consistency of the finished product in accordance with the data provided above, and applies only to technical data sheets bearing the stamp and countersignature of authorised personnel at our headquarters. Furthermore, the customer is required to verify that these values apply to the specific batch of product in question and have not been superseded or replaced by subsequent editions and/or new formulations. The data contained herein may be subject to change at any time without prior notice from MPM.