

# EDMOFLOOR AP FINISH

**Two-component, water-based 2k polyaspartic finish, latest generation solvent-free, coloured, long-lasting and non-yellowing for indoor and outdoor use.**



## Product Identification

EDMOFLOOR AP FINISH is a finish based on the latest generation of two-component polyaspartic resins, water-based, solvent-free, resistant to UV and chemical aggressions, with a special formulation that, when the product is dry, increases its resistance to water and climatic cycles.

Its excellent flexibility makes it resistant to deformations that could occur in the presence of settlements, slab deflections and thermal expansion.

EDMOFLOOR AP FINISH is suitable for situations where it is necessary for the surface to be walkable or drive-over, where high elasticity and abrasion resistance are required.

Thanks to its solvent-free formulation, EDMOFLOOR AP FINISH allows the operator to work safely, significantly reducing exposure to chemicals harmful to health.

EDMOFLOOR AP FINISH is formulated with solvent-free, formaldehyde-free raw materials with very low VOC emissions, as well as being quartz and APEO FREE.

## Preparing the Support

❖ The surfaces must be free from brackish efflorescence, dust, grease, insubstantial parts and any situation that affects good adhesion.

## How to use

- ❖ At the time of use, combine the two components A and B in the proportions indicated in the technical table below.
- ❖ Stir component A and add the contents of component B, stir everything with a suitable mixer at low speed for at least 2 minutes and until completely homogenized.
- ❖ Apply evenly with a roller, crossing the passes and distributing the product evenly, or with a smooth steel or rubber trowel.

## Warnings and precautions for use

- ❖ Comply with current regulations and national regulations.
- ❖ Do not dilute with solvents or water.
- ❖ Do not apply on damp substrates or substrates subject to rising damp.
- ❖ Do not apply on friable, dusty or soiled substrates with oils, greases and dirt in general.
- ❖ Do not expose the product to strong heat sources.
- ❖ Do not mix the components in a way that is partial or different from what is indicated in the technical table below.
- ❖ Do not use space heaters with hydrocarbon fuels as the carbon dioxide and water vapor released could impair the proper cross-linking of the coating.
- ❖ Due to harsh chemicals, the coating may show variations in appearance and color, but the color change alone is not a sign of a chemical attack.
- ❖ In case of contact with harsh chemicals, remove them from the surface immediately.
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- ❖ Use specific products for cleaning the coating.
- ❖ The difference between the temperature of the substrate and the dew point should never be less than 3°C.
- ❖ Protect from water for at least 24 hours.

- ❖ For any further information, please contact our EDMC technical service.
- ❖ Product for professional use.

### Indication for safe preparation and installation

Part B is irritating to the eyes.

Both parts A and B can cause sensitization on contact with the skin in predisposed individuals.

It is recommended to use protective gloves and goggles during application and to use the usual precautions for handling chemicals.

Rinse with plenty of water in case of contact with eyes or skin and consult a doctor.

Do not disperse the product in the environment.

It is recommended to consult the latest version of the MSDS for more information.

### Cleanliness

Cleaning the tools and any product residues from the surfaces should be carried out with water on a fresh product.

Once the product has hardened, it can only be removed mechanically.

### Packaging

- ❖ Component A: 13 kg
- ❖ Component B: 6.5 kg

<u>Description</u>	<u>Data (+23°C &amp; 50% R.H.)</u>	
<b><u>Bulk density</u></b>	Component A: 1.50 Kg/L ± 5% Component B: 1.10 kg/l ± 5%	
<b><u>Density of the mixture</u></b>	1100 Kg/m <sup>3</sup> ± 5%	
<b><u>Mixing ratio</u></b>	Component A: Component B = 2 : 1	
<b><u>Duration of the dough</u></b>	~ 30 min.	
<b><u>Mixture viscosity</u></b>	4500 mPa·s	
<b><u>Dry residue</u></b>	~ 100 %	
<b><u>Operating temperature</u></b>	+8°C ÷ +35°C	
<b><u>Indicative yield</u></b>	1.5 – 2.0 Kg/m <sup>2</sup> depending on the substrate	
<b><u>Color</u></b>	Component A: RAL Tints Component B: straw yellow	
<b>Characteristics of the A+B blend</b>		
<b><u>Color</u></b>	RAL colours	
<b><u>Walkability</u></b>	24 hours	
<b><u>Complete curing</u></b>	3 days	
<b><u>Dust-free curing</u></b>	90 min	
<b><u>Shore A hardness at 28 days</u></b>	70	
<b><u>Tensile strength at 7 days</u></b>	12 N/mm <sup>2</sup>	
<b><u>Tear resistance to 7 days</u></b>	32 N/mm	
<b><u>Thermal shock resistance</u></b>	≥1,50 N/mm <sup>2</sup>	EN 13687-5
<b><u>Crack Resistance</u></b>	A5 (-10°C); B4.2 (+23°C); B4.1 (-20°C)	EN 1062-7
<b><u>Impact Resistance</u></b>	Class III	EN ISO 6272-1
<b><u>Abrasion resistance</u></b>	< 3000 mg	EN ISO 5470-1
<b><u>CO<sub>2</sub> permeability</u></b>	SD > 50 m	EN 1062-6
<b><u>Capillary absorption and water</u></b>	< 0.1 kg·m <sup>-2</sup> ·h <sup>-0.5</sup>	EN 1062-3

<b><u>permeability</u></b>		
<b><u>Water vapour permeability</u></b>	Class III	EN ISO 7783-2
<b><u>Direct drive grip</u></b>	≥ 8.0 N/mm <sup>2</sup>	EN 1542
<b><u>Reaction to fire class</u></b>	C – s1	EN 13501-1
<p><i>The information contained in this fact sheet is the result of knowledge and tests available at the date of publication. D.M. SRLS UNIPERSONALE assumes no responsibility for damage to persons or property resulting from improper use of such information and reserves the right to modify the data without prior notice.</i></p>		

**For more technical information:**

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