

**PRIMER ADEFIX**

**Adhesion primer  
for smooth or low absorbent surfaces**

**Description:** Water-based adhesion primer formulated with selected synthetic resins and special additives, specific for smooth and low-absorbent surfaces.

**Advantages:**

- Forms a rough layer with high adhesion.
- Allows a considerable increase in gripping of the treated surface.
- Can be used both indoors and outdoors.
- On polymer bitumen membranes, it significantly increases the adhesion of subsequent coats of coloured water-based paint or liquid shealts.
- Odourless, non-flammable product.
- Non-toxic product, free from solvents.

**Applications:**

- Applied on substrates such as ceramic, stoneware, marble, brick, concrete, stone, plasterboard, wood, glass, metal, plaster, paint and insulating materials (EPS, XPS, PUR, mineral wool) as preparation of surfaces for subsequent applications (e.g., laying of flooring, ceramic coverings, using cement-based adhesives).
- Pre-treatment on pre-existing ceramics before applying self-levelling mortars.
- Preparation of the surface before applying plasters and skim coats on smooth mineral substrates (both vertically and horizontally).
- Application over polymer bitumen membranes, as an adhesion primer, before applying water-based protective liquid paints or sheaths. In particular, if applied before a white coating, it helps to preserve its intensity and uniformity of colour.
- Allows the application of cement-based adhesives on plaster surfaces.
- Used on slightly friable concrete walls, it is an effective consolidating agent.
- Applied on highly absorbent surfaces, it reduces and uniforms water absorption, avoiding the risk of "burns".

**Surface preparation:**

- Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, or release oils. Carefully clean the surfaces, which must be solid, even, and dry and in the case of concrete surfaces must not have been previously treated with evaporation retardant products.
- The solidity and efficiency of the water run-off points must be checked before application.
- The primer must be protected from rain, dew, or fog until it is completely dry: humidity and low temperatures lengthen drying times.

**Application:**

- Apply with a smooth trowel, roller or brush.
- Mix well before use.
- Primer Adefix is applied in a single coat.
- After complete drying, proceed with the application of liquid acrylic sheaths or the desired finish.
- After use, wash tools with water and, if the product has dried, it is advisable to remove it with hot water or with the common synthetic thinners.

**Consumption:** -Consumption varies between 200 and 500 g/m<sup>2</sup> depending on the nature and degree of porosity of the surface. If applied as a primer on polymer bitumen membranes, before application of liquid sheathing or water-based paints, consumption is 100÷200 g/m<sup>2</sup>.

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**Warnings:**

- We recommend applying the product at ambient temperatures between +5 °C and +35 °C and when there are no weather conditions such as fog, rain, or frost, and in any case avoid extreme situations of cold and heat, even during drying.
- In winter, it is necessary to consider finishing application in the early afternoon to allow for the correct formation of the paint film (too humid days should always be avoided).
- Avoid using on damp surfaces and in the presence of humidity backpressure phenomena.
- Check (according to UNI 10329) that the residual humidity content of the cement surface to be treated is  $\leq 5\%$  by weight (for screeds with a density of 2000 kg/m<sup>3</sup>).
- Protect from frost, do not expose the package to temperatures below +5 °C; once frozen, the product can no longer be recovered.
- For further information, request the safety data sheet.
- Consult the information at the bottom of this document.

**Packaging:**

5, 10, and 20 kg metal or plastic pails.

**Technical data:**

MAIN CHARACTERISTICS		
Appearance		Dense liquid
Colour		Grey
Shelf life in closed original packaging		24 months
Solid content ( <i>m/m at 130 °C</i> )	EN ISO 3251	(66-74)%
Brookfield viscosity ( <i>at 20 °C, spindle 3; 10 rpm</i> )	EN ISO 3219	(8,000±1,500)cP
Density ( <i>at 20 °C</i> )	EN ISO 2811-1	(1.50-1.60) kg/L
Drying time		60 minutes*

\* Measurements have been recorded at a temperature of 23 °C and with 50% moisture. Declared data may vary depending on the thickness of the applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, and absorbency of surfaces.

The advice and technical information provided represent HA ITALIA S.p.A.'s best knowledge of product properties and use. Considering the different situations of use of the products and factors beyond our control (media, working conditions, failure to comply with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to make use of it is required to determine whether it is suitable for the intended use and assumes full liability for whatever may arise from its use.

**HA Italia disclaims any and all liability arising from failure to observe the warnings mentioned in this data sheet and failure to comply with the requirements set out in the safety data sheet.**

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