

# ULTRABOND SUPER GRIP

Acrylic assembly adhesive for internal fixtures



## WHERE TO USE

**Ultrabond Super Grip** is used for bonding baseboards and profiles in PVC, rubber, wood, gypsum, polystyrene and metal on all types of substrates normally used for building walls.

### Some application examples

**Ultrabond Super Grip** is a one-component, thixotropic, deformable, acrylic resin-based adhesive in water dispersion characterised by a high initial hold ("sucker effect").

It is recommended, therefore, for deformable bonds where high initial tack and a strong final bond are required and may be used to replace or supplement traditional mechanical fasteners when constructing and assembling components and trims in the building and industrial sectors.

It is ideal for bonding building materials such as wood, cement-based products, bricks, gypsum, polystyrene, polyurethane, cork, PVC and metal on dry, absorbent internal substrates.

**Ultrabond Super Grip** is used in particular for bonding skirting boards, beading, decorative panels, cable trunking, insulating and soundproofing materials, trims around doors and windows and coating panels and for localised repairs in wooden and ceramic floor and wall coverings.

## TECHNICAL CHARACTERISTICS

**Ultrabond Super Grip** is an acrylic adhesive in water dispersion, which is available in a white-coloured paste form. The product has excellent filling properties and is also suitable for filling small cracks.

**Ultrabond Super Grip** has high initial bond strength, which makes it particularly suitable for bonding finishes on vertical surfaces without the risk of slipping (sucker effect), so the use of clamps and/or studs is not required.

Once hardened, **Ultrabond Super Grip** has excellent resistance to damp and heat.

**Ultrabond Super Grip** is solvent-free, does not give off unpleasant smells and has very low emission of volatile organic compounds and is certified therefore, as ECT Plus.

## RECOMMENDATIONS

- Only lay materials in the recommended temperature range, usually between +10°C and +35°C.
- The product is not suitable for carrying out stucco work on render.
- Do not apply the product on old adhesive or paintwork.
- At least one of the two materials bonded together must be absorbent, otherwise it will take longer for the adhesive to harden.

## APPLICATION PROCEDURE

### Preparation of the substrate

The product may be used on all types of substrates normally used in the building industry, as long as they are absorbent, well-cured, dry, relatively flat, solid, clean and free of dust, loose parts, cracks, paintwork, wax, oil, rust, traces of gypsum and any other product which may impede bonding.

## Application of the product

**Ultrabond Super Grip** is ready for use and requires no preparation.

To apply the adhesive, cut off the tip of the nozzle on the tube and extrude the product using a conventional extrusion gun.

The adhesive may be applied either in single points or in a series of beads on the material to be bonded. Then press the two parts together and apply a light pressure. The two parts must be joined together within the open-time of **Ultrabond Super Grip** (approximately 10-15 minutes at +23°C and 50% R.H.).

Baseboards in roll form must be laid out for a few hours before laying, in order to reduce the tension caused by the packaging.

## CLEANING

**Ultrabond Super Grip** may be removed from coatings, work tools, hands and clothing before it hardens with lukewarm water. Once hardened, it may only be removed using mechanical means.

## CONSUMPTION

One tube of **Ultrabond Super Grip** is sufficient to form an approximately 15 m bead of adhesive.

## PACKAGING

**Ultrabond Super Grip** is available in 310 ml cartridges (boxes containing 12 units).

## STORAGE

**Ultrabond Super Grip** remains stable for at least 24 months if stored in its original packaging at +10°C to +25°C and 50% relative humidity.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Ultrabond Super Grip** is not considered hazardous according to current regulations regarding the classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemical products.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	creamy paste
Colour:	white
Density (g/cm <sup>3</sup> ):	1.40-1.50
Dry solids content (%):	75
Helipath viscosity (Pa·s):	1.000 (F spindle - 5 rpm)
EMICODE:	EC1 Plus - very low emission
APPLICATION DATA (at +23°C and 50% R.H.)	
Recommended application temperature:	from +10°C to +35°C

Dust dry:	10-15 minutes
Hardening time:	24-48 hours, according to the type of substrate
<b>FINAL PERFORMANCE</b>	
Initial sucker effect (according to MAPEI internal test methods):	17 N
Final tensile strength (according to ISO 13640 after 7 days at +23°C) (N/mm <sup>2</sup> ):	1.7
Final shear strength (according to EN 1324 after 7 days at +23°C) (N/mm <sup>2</sup> ):	3.1
Shore A hardness: – 28 days at +23°C:	80-85
Elongation at failure: – 14 days at +23°C:	60%
Resistance to UV rays:	excellent
In service temperature range:	from -20°C to +70°C

## WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://www.mapei.com)

## LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

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