



# HB42 Ultimate Liquid Grab 5kg

## TECHNICAL DATA SHEET

### FEATURES

- One component, universal, ready to use MS hybrid polymer based glue
- Extremely high bonding capacity
- Extremely strong when dry
- Powerful, but elastic glued groove
- Apply with a **notched trowel**, easy to spread
- Cures very fast
- For vertical bonding
- For full surface bonding
- Excellent bonding on various materials, even on moist supports
- Solvent, water, isocyanate and phthalate free
- Lasting elasticity

### APPLICATIONS

- For all vertical full surface bonding:
  - Bonding panels in stainless steel in professional kitchens,
  - Bonding tiles and **bathroom/shower panels**
  - Also appropriate for bonding tile on tile and stainless steel.
- As a universal adhesive, extremely appropriate to vertically glue all types of material (treated wood, cork, enamel, tiles, PVC, stainless steel, various synthetic materials...)
- Suitable for use on both absorbent and non-absorbent bases such as concrete, brick, tiles, stuccowork, chipboard, mosaic, gypsum...
- Also appropriate for bonding on slightly humid surfaces.



### TECHNICAL CHARACTERISTICS

Basic ingredient	MS hybrid polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.V.)	45 min
Vulcanisation rate (23°C and 50% R.V.)	2 mm/24 h
Density: ISO 1183	1,69 g/ml
Shore A hardness: ISO 868	50 (+/- 5)
Elongation at break: ISO 8339	<100%
Modulus at break: ISO 8339	1,10 N/mm <sup>2</sup>
Shearing force: DIN 53283	1,400 N/mm <sup>2</sup>
Solvent & isocyanate content	0%
Dry matter content	ca. 100%
Processing temperature	+5°C - +40°C
Base and ambient temperature, the standard instructions of the NIT 218 of the WTCB apply.	+15°C - +35°C
Temperature resistance	-40°C - +90°C
Extremely good moisture resistance and not sensitive to frost	
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months Shelf life of opened packing is limited.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.



## PACKING AND COLOURS

Bucket of 5 kg - 60 buckets/pallet

White

## METHOD OF USE

### Preparation

The base must be fixed and must be rigid enough, dry, clean, dust and grease free, without any loose layers. Irregularities such as old glue residues should be removed mechanically. The materials to be glued must be clean and free from dust and grease. If necessary, degrease using HB42 Solvent Cleaner, alcohol, or ethanol. It is advisable to do bonding tests. It is the user's responsibility to check whether the product is suitable for his application. Our technical department could be consulted if necessary.

### Application

- Can be applied straight from the packing to the prepared base.
- HB42 Ultimate Liquid Grab should be applied evenly to the support with a notched trowel (5 mm).
- Take note, that the exposure time of the glue is approximately 30 minutes (at 23°C and 50% R.H.). It is therefore important not to apply too much glue in one stroke.
- Slide the material you wish to bond into the still wet glue and tamp down with a rubber hammer. The material can at this stage still be adjusted and then push it down well to ensure a tight full-surface bonding.

### Glue requirements

Quantity in full-surface application:

- 600-800 g/m<sup>2</sup> with B3 serration.
- 750-1000 g/m<sup>2</sup> with B6 serration.
- 950-1000 g/m<sup>2</sup> with B11 serration.

### Cleaning

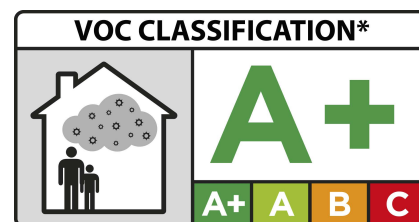
Any glue that may protrude along the edges can be removed using a stopping knife. Adhesive residue that has not yet dried, can be removed using HB42 Solvent Cleaner. Dried glue can only be removed mechanically.

## SAFETY

Please refer to safety data sheet which is available on request.

## LIMITATIONS

- Proper ventilation during processing and hardening is important.
- Is not suitable for gluing PE, PP, PA, PTFE, Teflon® and bitumen and certain soaking agent containing synthetic materials
- Not suitable for indoor swimming pools.



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