



# HB42<sup>®</sup> SUPER | GRAB ADHESIVE

GEV EC1 PLUS Approved

24/03/14 - Vs.2

## TECHNICAL DATA SHEET HB42 GRAB ADHESIVE / 290ml cartridge

Instant Grab  
Bond strength almost double other grab adhesives  
Interior & Exterior  
Works in wet (even underwater)  
Durable  
Weatherproof  
Solvent free  
Bonds to almost anything (incl. lead)  
Odourless  
EC1 Plus rated, very low VOC's.

GEV Approved no: 4409/19.02.10: EC1 Plus Classification for very low emissions  
Hilton Banks Ltd: GEV Member OM-064

### Uses:

Fixing large panels or wallboards  
Bonding brick slips, claddings & sanitary fixtures  
Fixing dado rails, windowsills, mouldings, thresholds  
**Will fix & adhere to** glass, wood, enamel, painted surfaces, plasterboard, coated metals, Perspex, concrete, plastics, polycarbonates, PVCu, zinc, stainless steel, copper, lead, anodised aluminium, epoxy & polyester panels.

### Application:

Ensure surfaces are clean & dust free. Cut the cartridge seal and screw on the pre-cut 'V' nozzle, which ensures that the correct depth of adhesive is extruded. Using a skeleton gun, apply HB42 Grab Adhesive on one surface only in vertical strips 30cm apart. Immediately place item in position with even pressure to give a good initial grab. With heavy items, temporary support is recommended during curing process. In overhead applications, always use a mechanical fixing as well. Apply HB42 Grab Adhesive at room temperature for optimum flow when using a 'skeleton gun'.



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## Health & Safety

Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine, N-(3-(dimethoxymethylsilyl)propyl)ethylenediai. May produce an allergic reaction. See safety data sheet, available on [www.hiltonbanks.com](http://www.hiltonbanks.com)

## Limitations

HB42 Grab Adhesive is not recommended for use on PE, PP, Teflon, wax, neoprene and bituminous surfaces. Not suitable as a joint sealant. Adhesion tests are recommended prior to application. Store between +5 & +25 degrees centigrade in cool dry conditions.

## Liability

The information given is the result of tests and experience and is believed to be accurate & reliable. As Hilton Banks Ltd cannot know all the uses HB42 Grab adhesive may be put to or control how it is applied, it is the responsibility of the user to determine suitability of use.

## TECHNICAL DATA

## DIMENSION

## HB42 GRAB ADHESIVE

Basis		MS Polymer	
Application Temperature	°C		+5/ +40
Slump ISO 7390	mm		<2
Density	g/ml		1,57
Skin over time 23° C/ 55% RH	min		10 – 15
Shrinkage		nil	
Weather and water resistant		yes	
Frost resistant till -15 °C during transport		yes	
Shelf life between +5 °C and +25 °C	month		12
Joint movement capability	%		+25
Temperature resistance after curing	°C		-40/ +100

### Mechanical properties

#### 2mm film

Shore-A hardness DIN 53505		55	
100% Modulus DIN 53504	MPa (N/mm <sup>2</sup> )		1.39
Tensile strength DIN 53504	MPa (N/mm <sup>2</sup> )		2,20
Elongation at break DIN 53504	%		335

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