

Multibead

MS POLYMER SURFACE BONDING ADHESIVE

TECHNICAL DATA	
Brookfield viscosity:	250,000 - 300,000 mPAs
Specific gravity:	1.53
Skin formation:	Approx 30 minutes (200C and 65% RH)
Curing rate:	2 - 3mm per 24 hours (200C and 65% RH)
Temperature resistance:	-400C to +800C
Shear strength:	>1.9N/mm2 (Wood to wood)
Time before traffic and sanding:	24 hours after bonding
Complete cure:	36 - 48 hours
AVAILABLE SIZES	
Smartfoil	2.25kg / 1.5ltr
AVAILABLE COLOURS	
Beige	

Multibead™ is a solvent and water free adhesive specifically designed for fixing many types of substrates together in construction applications.

Multibead™ is based on all the latest developments in hybrid polymer technology.

Multibead™ adhesive is used with the Multibead™ 10v Adhesive Gun and has been used for bonding PVC and GRP wall cladding panels to walls.

Benefits

- Suitable for bonding GRP, FRP and some PVC wall cladding panels to walls
- 100% active, solvent and water free - will not cause warp-age or curl of wood blocks/ planks
- Permanently flexible - compensates for subfloor movement.
- Will bond directly to all common subfloors, e.g. concrete, wood, metal, ceramic tiles, vinyl, marble, granite and most natural stone floors.
- Full bead elastic product gives excellent sound deadening/acoustic properties
- Odourless
- Excellent gap filling properties for uneven surfaces.

Preparation and application

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits.

Construction and wall cladding

Using the Multibead™ adhesive applicator, apply the adhesive to the substrate to be bonded. Lay the substrates together and then apply adequate pressure with a laminate roller. Allow 24 hours for full cure.

Flooring applications

The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants. Existing floors must be free from all polish/wax.

Prime/stabilise friable concrete/anhydrite and floors with residual adhesive with G91 primer before application.

Subject to recommendations made by the flooring manufacturer, subfloors should be subject to 28 days of maturing and should have a maximum of 3% moisture content or 70% equilibrium relative humidity before using this adhesive. The room

in which the floor is being installed should be in excess of 150°C and register an ambient humidity between 40% and 70% while the adhesive is being used. For moisture contents between 3.1% and 7%, or over 70%

Multibead

(Continued)

relative humidity, a suitable primer and moisture barrier should be used. Do not use this adhesive above these recommendations. Very porous or friable surfaces should first be primed with G91 Primer and allowed to dry. Underfloor heating must be turned off 48 hours before and 48 hours after the adhesive has been applied.

It is extremely important to monitor ambient conditions throughout installation, as any change in these conditions could cause issues such as condensation, which could directly impact the success of the bond even though the substrate reading may appear correct.

Flooring: the parquet flooring MUST be acclimatized for several days in the room where it is to be installed. Leave in original packaging during this period.

All installations and sub floor preparations must be carried out in line with the relevant British or international standards. When using the Multibead™ gun, insert sachet into the

Multibead™ gun barrel and cut tip of sachet. Fix nozzle head to barrel and follow instructions set out in Multibead™ gun Instruction Manual.

Position blocks/planks whilst adhesive is still tacky (within 30mins) and tap into final position with mallet and block, removing uncured adhesive with cleaning wipes. (Caution - test compatibility with lacquer finished block first).

One 1.5ltr sachet will bond approximately 3m² when applied as directed.

Multibead™ has been successfully used to bond KömaCel and KömaDur PVC cladding when applied in accordance with these recommendations.

Handling and storage

Clean machines, equipment and tools with white spirit before the adhesive dries.

Multibead™ should be stored in the original sachets cool, dry conditions between 15°C and 30°C. Ensure good ventilation. In these conditions it has a storage life of 9 months. Storage outside these parameters will dramatically reduce shelf life. Opened sachets must be closed airtight and used up as soon as possible (within 1 month).

Limitations

Do not use against bitumen or substrates that bleed oil, solvent or plasticizers.

Never install flooring on subfloors, which are not protected against possible rising damp.

Do not apply the adhesive at temperatures below 5°C or above 25°C.

Minimum temperature of the substrate should be at least 15°C.

Never install wood which is too dry (<7% humidity). This can expand at higher humidity or when the humidity rises and cause damage.

Do not install flooring if the walls and ceilings in the area are not dry (e.g. after plastering or painting etc).

Do not dilute the adhesive.

Always check with flooring manufacturer re: any specific instructions/ requirements specifically relating to their flooring before fitting floors.

Do not use, store or allow to cure below + 5°C.

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Beplas has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Beplas.

