

## Technical Data Sheet



# CLADSTIKK® 12

## MS POLYMER SURFACE BONDING ADHESIVE



**CLADSTIKK® 12 IS A HYBRID POLYMER BASED ADHESIVE AND IS USED WITH THE MULTIIIBEAD™ G2 COMPACT ADHESIVE GUN FOR BONDING PVC AND GRP HYGIENIC WALL CLADDING PANELS TO WALLS BUT CAN ALSO BE USED IN OTHER CONSTRUCTION APPLICATIONS REQUIRING LARGE SURFACE AREA BONDING.**

Cladstikk® 12 is solvent and water free, remains permanently flexible and will bond directly to many construction substrates without the need of primers. Substrates which can be bonded include, PVC, GRP, concrete, ceramic tiles, wood, marble and many other substrates.

**BENEFITS**

- 100% active, solvent and water free
- Permanently flexible
- High grab
- Full bead elastic product gives excellent sound deadening/acoustic properties
- Odourless
- Excellent gap filling properties for uneven surfaces.

**TECHNICAL DATA**

Brookfield viscosity:	Thixotropic paste
Specific gravity:	1.71
Skin formation:	Approx 50 minutes
Curing rate:	2 - 3mm per 24 hours
Temperature resistance:	-40°C to +100°C
Shear strength:	>1.3N/mm <sup>2</sup> (Wood to wood)
Complete cure:	36 - 48 hours

**AVAILABLE SIZES**

Smartfoil	1.5ltr
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**AVAILABLE COLOURS**

White



## PREPARATION AND APPLICATION

The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants.

Using the multiibead® G2 Compact Adhesive Gun, apply the adhesive to one of the substrates to be bonded. If bonding wall cladding, we recommend laying the wall cladding panel on a horizontal surface and then applying the adhesive to the panel. Once the adhesive has been dispensed, bring the substrates together and then apply adequate pressure with a pressure roller. Applying pressure ensures improved bond strength. Slight moistening of substrates improves the curing rate and gap filling properties.

Cladstikk® 12 has been successfully used to bond KömaCel and KömaDur PVC cladding when applied in accordance with these recommendations.

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

## 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 40 °C. Minimum temperature of the substrate should be at least 15 °C. Do not dilute the adhesive.

## HANDLING AND STORAGE

Clean machines, equipment and tools with white spirit before the adhesive dries. Cladstikk® 12 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).

**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 Ureka Global Ltd 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 Ureka Global Ltd.

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