

Acrylic Flame Retardant Tile Adhesive

Methacrylate based Flame Retardant Adhesive

Description

An acrylic gap filling adhesive with excellent bond strength and non slump characteristics making it ideally suited for the bonding of detectable warning surfaces to concrete, asphalt, steel and other construction and building products. Acrylic FR Adhesive is formulated and tested to comply with the fire retardancy requirements for LUL installations.

Colours: Buff, Red, Hazard Yellow, Standard Grey and Charcoal

Advantages

- Solvent free system.
- Non slumping, no primer required.
- Excellent adhesion to a wide range of construction materials
- Rapid Set
- LUL Compliant

Full Cure	1 day
S.G.	1.2
Flash Point	10°C

Test Age	Adhesion Strength	Failure Type
1 day	1.65 MPa	Concrete and bond failure
2 day	1.81 MPa	Concrete Failure
3 day	1.97 MPa	Concrete Failure

Technical Information

Adhesive Temperature (°C)	Winter Grade Acrylic Adhesive		Standard Grade Acrylic Adhesive	
	Working Time (mins)	Curing Time (mins)	Working Time (mins)	Curing Time (mins)
25 - 30	5 -10	20-30	3-6	10-15
15 - 20	10-20	25-35	6-10	15-20
5 - 10	15-20	30-40	8-12	16-24
1 - 5	20-30	40-60	10-20	20-40
-5 - 0	30-45	60-90	20-30	40-60

Mixing Instructions

The entire contents of the hardener should be added to the base container and thoroughly mixed using a slow speed mechanical mixer for at least 2 minutes, ensuring that the edges of the container are thoroughly scraped with the mixing paddle to make sure that all the product is evenly mixed.

NOTE: Hand mixing is insufficient to ensure complete mixing.

Application Instructions

All surfaces should be clean and dry after being finished to a U3 standard and abraded to remove laitance, if needed.

The mixed Adhesive should be applied using a serrated trowel and evenly spread over the area to receive the tiles. Place one edge of the tile onto the adhesive and in a rolling motion press the tile into position, expelling air from beneath as it is laid. Remove excess adhesive and tool to a smooth finish. All equipment should be cleaned immediately using Acetone.

Refer to Installation guide for more detailed instructions.



Packaging

Acrylic FR Adhesive is available in 1.75 litre packs

NOTE: One pack of adhesive covers approx. 0.8m² depending on substrate.

Storage

Acrylic FR Adhesive is flammable (flash point 10°C). Due precaution should be taken when handling and storing this material. Shelf life is 6 months when stored correctly in sealed containers, however at higher temperatures this period will be reduced. Store away from foodstuffs and out of the reach of children.

Health & Safety

Product Safety Data Sheets (SDS) are available from Visul. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.