

Description

Flexibond is a two component polyurethane adhesive specifically developed. As a roller applied high strength coating or adhesive for subsequent bonding of Rubber HPL, vinyl and carpet tiles or wood. Flexibond is ideal as a binder for aggregates to provide high wear anti-skid.

Resin Viscosity	6-8	poise at 50°C
Hardener Viscosity	0.1-1.5	poise at 20°C
Full Cure	12-16	poise at 20°C

Coverage

As a coating - 10m² per 5kg

As a roller applied panel adhesive - typical 250gm per 600 x 600mm tile

Surface Preparation

All surfaces should be clean, dry and free from contamination. Galvanised metal may require Acetone wiping and porous surfaces will require Q/Seal Primer prior to application of the adhesive.

Typical Application Temperatures

Application to be carried out at 10 - 20°C for optimum speed of cure. Lower temperatures of 5 - 10°C will cause an increase in working life and time to achieve a tough coherent film. Higher temperatures of 20 - 25°C will cause a reduced working life and faster time to achieve a tough coherent film.

Application

Locate and mix Flexibond Resin & Hardener. Mix the two components and stir thoroughly with a slow speed drill and paddle, ensuring you get to base and corners of the container.

Flexibond is normally applied by roller but can be spread with a trowel if the system is to be covered with aggregates for high wear Anti-Skid. Flexbond can be mixed with rubber granules to fill & repair damaged rubber or trowelled rubber surfaces.

For Use As Anti-Skid Binder

Mix as above apply 1 heavy coat by roller at approx 2m² per kilo. As the material is applied scatter with Dynagrip Aggregate or a Silica Aggregate as required. Quantity of aggregate applied depends upon the amount of grip required. All loose aggregate can be swept off and removed once the resin has cured. Further coloured toppings, demarcation lines can be applied over the textured surface.

Filling In Holes In Rubber Systems

For filling in holes in a rubber & walker surface:

- 1) Clean and dry area
- 2) Primer area to be filled with Primer F
- 3) Mix Flexibond Resin and Hardener thoroughly. Once mixed, add rubber granules.

Enough granules can be added to provide a wet or dry mix as required. The quantity does not affect the cure, but the addition of a lot of rubber making a very dry mix may lessen the strength. Trowel the mix over the Primed area. If the mix is quite wet, sprinkle dry rubber granules onto the top to improve grip.

Flexibond is supplied in 2.5kg / 5kg units. For further information, please contact Quattro on Telephone Number - 01768 864 977.

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FLEXIBOND

Colour: Black

Thickness: 100-300 microns

Pot Life: @ 20°C 40 min

Tack Free: 4 to 6 hours

Traffic: 12 hours

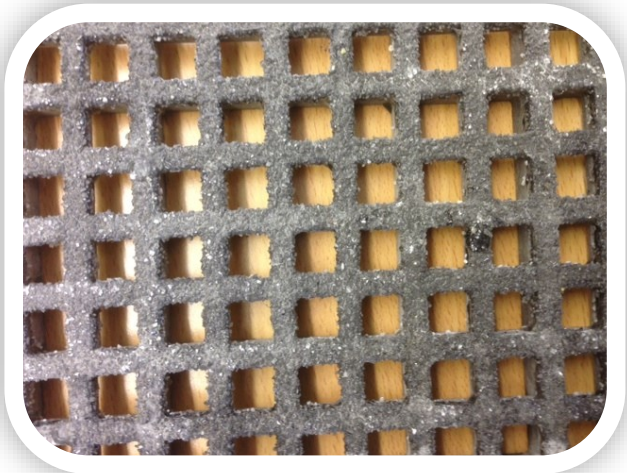
Application: roller or brush

High Flexibility

Flexibond & Hytect have high chemical resistance & can be used in silage & effluent tanks, chemical bunds, ramps, high wear areas.



Flexibond is waterproof immediately after application. Spillage or rain may cause minor foaming up to 20 minutes following application. At 20°C after this point moisture may only cause fading & milky residue up to its normal tack free cure.



Health and Safety

When using Flexibond make sure there is adequate ventilation. Avoid prolonged breathing of vapours, contact with eyes, or prolonged skin contact. Moderately toxic by ingestion, eye irritant.

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