

Rebound Mat Joint Adhesive (Single Pack) APPLICATION PROCEDURE

Suitable for: Rebound Ace® Air Cushion System

Rebound Mat Joint Adhesive is a special silane modified polymer based adhesive sealant with a high tensile strength. Rebound Mat Joint Adhesive has a multitude of uses including joining of the rubber mat edges in Rebound Ace Air Cushion, perimeter edge sealing of Rebound Ace mat system sports surfaces, along with filling saw cuts or small cracking on concrete and asphalt bases. **It is not recommended for expansion joints.**

Rebound Ace Mat Joint Adhesive can also be utilised in the repairs of cushioned sports surface damage incurred by racket or bat abuse. It has a hardness and flexibility similar to the Rebound Ace Mat cushion.

Advantages:

- Single Pack – no mixing required
- Isocyanate Free
- Moisture tolerant
- Quick Curing
- No soft uncured areas
- No mess
- No wastage
- Easy application

APPLICATION PROCEDURE FOR AIR CUSHION SYSTEMS:

Apply product continuously making sure that the bead fills the join from the bottom up. Run a paint scraper along the join to spread any excess exuded material either side of the join, before it starts to cure, and create a flat surface (Approx. 50mm either side of the join is satisfactory).

Mats can be kicked in if required to maintain a 2-3mm wide bead immediately after application. Any excess exuded material created by this action should also be removed with paint scraper.

Lay a plastic film over the join (avoid wrinkles in the plastic) as you progress, and apply a section of steel bar (75mm x 5-6mm) over the plastic above the join. The steel bars (and plastic sheet) should only be removed after the bead has cured. For ease of handling, 2-3 metre lengths of steel bar is recommended.

The bead should be cured in approx. 10 min in an exterior application, and about 20-25 min in an interior application. Excessive surface temperature will dramatically reduce cure times (see below) and should be taken into account during application.

The curing schedule should allow for the application of the adhesive and the use of a minimum amount of steel to complete all the joins in a continuous run. (sufficient flat steel bar for three runs is usually adequate). Repeat the application progressively across the court for all joints.

Any voids found in the joins should be back filled within 12 hours with more of the adhesive. Inspect all joints at completion of installation for any voids or partly filled areas.

TECHNICAL BULLETIN



Product Size:

Rebound Mat Joint Adhesive is available in 600 ml sausages.

Drying Time:

15 minutes hour at 25°C.

Clean up:

Cleaning of tools and removing uncured residue can be done with a clean colourless cloth, wetted with an aromatic cleaning solvent (eg. Xylene)

Technical Data :

Curing Method	Moisture	
Specific Gravity	1.5g/ml	
Skin Forming Time	10 mins	20°C/50% RH
Open Time	< 15 mins	20°C/50% RH
Curing Speed after 24 hrs	3 mm	20°C/50% RH
Shore A Hardness	60	(DIN 53505)
Volume Change	< 3%	(DIN 52451)
Tensile Strength (100%)	2.7 MPa	(DIN 53504/ISO 37)
Tensile Strength at Break	3.5 MPa	(DIN 53504/ISO 37)
Elongation at Break	200%	(DIN 53504/ISO 37)
Tear Propagation	17 N/mm	(DIN 53515/ASTM D1002)
Solvent Percentage	0%	
Isocyanate Percentage	0%	
Temperature Resistance	- 40°C to + 120°C	
Application Temperature	+ 5°C to + 35°C	
Shelf Life	12 months unopened in cool dry conditions	
Colour	Black	

