

MATBOND

QUATTRO®

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MATBOND BENEFITS

- EASY TO USE
- HYGIENIC
- SEALS JOINTS
- NO WASTAGE
- CURES QUICKLY



Mats have proved to be of great benefit in stables & walkers etc, but the main drawback has been the problems with urine penetrating the joints and seeping underneath resulting in a strong unpleasant ammonia smell. The mats are heavy to lift and it is a nasty job to remove them to disinfect underneath.

Quattro has overcome this problem with MATBOND, a specially formulated resin that not only bonds permanently but foams and fills the joints and gaps.

Further adhesive can be added to ensure a complete seal.

Matbond will seal all but the most severe joints, where larger gaps occur they can be filled using the special kits of Flexscreed, that can be trowelled into the joints thus ensuring a sealed hygienic surface.

Matbond is easy to use, there is no mixing, the product can be applied by roller or trowel with the mat being placed on top. Some weight may be required when covering uneven surfaces.

Matbond is supplied in 5, 10 & 22.5 kilo units.

Description Matbond is an unfilled, solvented single component curing urethane adhesive. It has been specially developed for bonding rubber crumb tiles & rubber mats to a variety of substrates including concrete.

Product Features Economical: Its ease of spreading, high solids content and one way stick characteristics ensure fast, low cost coverage. Strong, resilient, flexible bond: Besides the diversity of the materials that can be bonded, the cured adhesive exhibits excellent flexibility and resistance to heat, cold, moisture and solvent.

Resistance to high & low temperatures: The bond line will withstand wide temperature ranges (-40°C to +140°C) for extended periods without loss of strength.

Typical Specification

Colour	Black (other colours available)
Application method	Roller/squeegee
Solids	8 + 2%
Solvent	Xylene
Water mist application	10% of adhesive coat weight
Viscosity @ 23°C	1750 + 300 mPa.s.
Open joint time	Nominally 85 - 95 minutes at 19°C with water mist
Coverage	0.3 - 0.6 kgsm depending on substrates being bonded

OJT: Open Joint Time (max time open to air)

	13°C	15°C	17°C	19°C	21°C	23°C	25°C	27°C	29°C	31°C
OJT	117	107	98	90	82	75	68	62	56	51

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Matbond Instructions For Stables & Outdoor Rubber Tiles

A roller or serrated trowel should be used for applying MATBOND. Sleeves have to be discarded after use as they are difficult to clean. Avoid dripping onto areas other than the floor to be bonded. MATBOND cures steadily over a period of 12 hours but can cure quickly when applied in small quantities. Only apply immediately before covering with the Mat.

Make sure the floor is clean & dry before commencement. Wipe off any release agent on mats with solvent or sand mat to provide key.

1. Measure your stable & decide on the best pattern to make the most economical use of your mats. They can be laid in any direction that suits. It is best to avoid having a seam in the doorway.
2. Install the doorway mat first & then lay the others tightly against one another. Where the mats are to be trimmed use a "jigsaw" fitted with a knife cutting blade, a Stanley Knife is a alternative. Remember to measure mats carefully to ensure a tight fit. Cut edges should always be put to the wall leaving the factory cut edges to abut each other.
3. Roll or trowel MATBOND onto the floor giving the area a light coat. Apply a heavy coat along edges of walls and where the mats will join. Lay the mat into place & position . If the floor is uneven you will need to apply a heavy coat for the product to foam a fill voids.
4. Repeat this procedure, making sure to apply MATBOND liberally along the edges of previously laid mats.
5. As MATBOND cures it expands & rises through the seams, Any visible foaming above the surface of the mat can be pressed flat up to 6 hours after application or once set can be trimmed with a sharp knife. Q FLEX can used for filling any small joints where the resin has been unable to foam & fill
6. In old stables where the base of the walls may be uneven there may remain large gaps,. These can be dealt with easily by applying FLEXSCREED. Contact QUATTRO FOR DETAILS.) or Q FLEX where the joint is up to 10mm wide. The stable can be put back in to use after 8 hours.

Application Instructions For Cubicles

1. Prepare old surfaces by washing down with ACID ETCH or Hypochloride. Ensure the substrate is clean & dry before commencing. Heavy duty edging strips are available to fix by the step edge for mats to fit in behind.
2. Apply MATBOND by roller to the surface where the mat is to be placed. Allow a heavy coating along all of the perimeter of the mat. It is recommended that the mat be kept back 6" from the edge of the step.
3. Set the mat down onto the wet resin, in the case of less expensive lightweight mats they will require weights to hold the mat in place until cured. For uneven surfaces apply MATBOND liberally to allow the product to foam and fill voids.
4. The resin will foam up in between the mats and seal the joint. If any voids remain upon cure Matbond can be used to fill in to achieve a full seal. MATBOND can also be used to overcoat mats where surface porosity may be possible.
5. Cubicles can be put into use after 8 hours.

Application Instructions For Kennels & Catteries

MATBOND is often used for BONDING DOWN AND SEALING OF EDGES AND TOP SURFACE OF Quattro ECONOMAT in kennels.

1. Ensure surfaces are clean & dry.
 2. Measure kennel and cut ECONOMAT to size.
 3. Apply MATBOND to surface with a roller , apply a heavy coat along the perimeter with a brush.
 4. Fit the ECONOMAT and apply a further brush coat of MATBOND to the edges.. Weight down.
 5. When the resin has cured, remove weights and apply a further coat to edges and a light coat over the surface.
- The kennel can be put back into use after 8 hours.

Health & Safety

- There are 2 versions of MATBOND. The normal version has a non hazard classification. If packed in a metal container it may be the solvented version
- Avoid prolonged contact with skin
- In cases of contact with eyes, flush out with excess water and seek medical attention
Before use ensure you have read the health and safety data sheet for this product

Storage

- Store in original unopened containers, Matbond has a shelf life of 6 months.
- Store between 5°C and 25°C

MATBOND RAPID is similar to Matbond. It is faster curing and available in a squeeze bottle.

HEALTH & SAFETY

GLOVES & EYE PROTECTION ARE RECOMMENDED AT ALL TIMES. IN THE EVENT OF EYE CONTACT, WASH WITH PLENTY OF COLD WATER & CONSULT A DOCTOR IF IRRITATION REMAINS.

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