

# Tex-Tile AFM

## Areas of Use:

Both wet and dry areas. In wet areas, when correctly laid, **Tex-Tile AFM** acts as a waterproofing membrane, whilst in dry area applications, **Tex-Tile AFM** can also act as an anti-fracture and separation membrane, inhibiting reflection of substrate cracks or joints through tiled surfaces.

## Product:

**Texmastic Tex-Tile AFM** is a composite membrane of polyester fabric upper surface and elastomeric bitumen self-adhesive mass, with siliconised protective release sheet.

## Purpose:

**Tex-Tile AFM** is used under ceramic tiles or thin pavers laid in a thin-bed adhesive in both wet and dry areas. In wet areas, when correctly laid, **Tex-Tile AFM** acts as a waterproofing membrane, whilst in dry area applications, **Tex-Tile AFM** acts as an anti-fracture membrane, inhibiting reflection of substrate cracks or joints through tiled surfaces. **Tex-Tile AFM** can also be used as a separation or uncoupling layer under tiles over a waterproofing membrane.

## Compatibility:

**Tex-Tile AFM** can be used in conjunction with acrylic or latex modified thin-set cementitious tile adhesives or with tile bedding mortars laid on adhesive cementitious primers.

## Colour & Form:

**Tex-Tile AFM** is a black modified bitumen sheet mass with a woven polyester face to which the tile adhesive is applied. It is supplied as a roll product.

## Standard Pack:

**Tex-Tile AFM** is supplied as a roll 21.3m x 0.96m. It is also available on special order as a roll 22.5 x 0.3m. Other sizes can be supplied subject to minimum quantity orders.

## Physical Properties:

Thickness:	1.0mm
Elongation:	1200% —Bituminous mass only (ASTM D412 modified)
Peel Adhesion:	>1.8 kgf/cm width (ASTM D1000)
Low Temp Flexibility:	No cracking - over mandrel at -26 degC (ASTM D146 modified)

## Application:

The surface to which **Tex-Tile AFM** is applied must be clean, dry and dust free. Fill any non-moving cracks greater than 4mm wide prior to application. Apply **Equus Peel & Stick Primer** to the surface at a spreading rate of 10-12 sqm/litre and allow to dry to a slightly tacky surface. Apply by brush or roller, or spray for large areas. Where **Tex-Tile AFM** is used as an uncoupling mat over a waterproofing membrane, the primer is not mandato-

ry. The self-adhesive backing enables the positioning of the separation mat rather than full bonding to permit the subsequent tiling application. Unroll and cut roll of **Tex-Tile AFM** to desired length. Re-roll. Remove release sheet from the roll at commencement of application. Place the exposed adhesive on to the primed surface, ensuring the roll is accurately aligned for unrolling. Smooth into place to avoid blisters. Use roller pressure as the membrane is laid to ensure conformance and good bond to the underlying surface.

A) When used in wet areas as a waterproofing membrane: Prime a 75mm selvedge (lap) area and overlap the next roll — rolling down hard to create a good bond. Use a bead of **Duo Kit** to ensure the lap is sealed.

B) When used in dry areas: Butt adjacent rolls tightly together and seal butt joint, if necessary, with a bead of **Duokit**.

*Note: this method is not applicable on decks or showers, bathrooms or laundry areas — use (A) above.*

C) When used as an uncoupling or separation layer over a waterproofing membrane: Butt adjacent rolls tightly together. Position the membrane between any movement or expansion joints to enable these to be brought through to the tile surface.

When used in cool conditions, store the rolls of **Tex-Tile AFM** in a warm area overnight and lay using a hot-air gun, if necessary, to form cohesive joints.

## Limitations:

Do not use **Tex-Tile AFM** in areas where there is a likelihood of constant immersion, e.g. pools, ponds, or external gutters that may not free-drain. Do not use over movement or expansion joints or where horizontal/vertical displacement is anticipated.

## Storage:

Store cartons containing rolls of **Tex-Tile AFM** in cool dry conditions. Do not leave in direct sunlight for long periods, either vertically or horizontally stacked. **Tex-Tile AFM** has an indefinite life-before-use when correctly stored.

## Health & Safety:

**Tex-Tile AFM** contains no materials identified as being carcinogenic or hazardous to humans. It contains no VOC's and is not classified as restricted or hazardous for transport or storage purposes. We recommend the use of gloves when installing **Tex-Tile AFM** to prevent contamination of skin with bitumen residues.



Equus Industries Ltd  
PO Box 601  
Blenheim  
Phone: 03 578 0214 Fax 03 578 0919  
Email: admin@equus.co.nz  
Web: www.equus.co.nz