



Projex Shockmat- structural protection mat

Product Data-Sheet No. 9202 - R - 01

Edition: May 2006

1. Application Sector

Projex Shockmat is a protection mat, which is suited for special demands in structural protection.

2. Material

Recycled rubber granulates, particle size 1 - 3 mm, with polyurethane elastomer binding compound.

3. Appearance

Colour: black, with occasional multi-coloured spots

Surface: fine granulate structure

4. Dimensions / Tolerances

length (rolls):	6000 mm \pm 1.5 %
width (rolls):	1250 mm \pm 1.5 %
thickness	10mm \pm 0,5 mm
density:	approx. 920 kg/m ³

5. Test Data

tensile strength: approx.	0.6 N/mm ² (DIN 53571)
elongation at break:	10mm approx. 80% (DIN 53571)
fire resistance:	B2 (DIN 4102 Part1:1998-05)
thermal resistance:	stable from - 30 °C to + 80 °C
environmental behavior:	limited resistance to acid and alkaline solution
deformation under traffic load:	10% at approx. 38 t/m ² 20% at approx. 87 t/m ²

(test method based on DIN EN ISO 3386-2)

With the publication of this product data sheet all former issues cease to be valid.



5mm Shockmat – Acoustic version

Projex Group has released a new version of its super-tough Shockmat material with acoustic properties that meet & exceed Australian Acoustic building requirements (ISO 717.2-2004).

The 5mm thick material – made out of recycled car tyres – can be used as a membrane protection layer, a non-slip walkway – and also over living spaceto cut down noise from above.

It has been tested in Australia by CSIRO and complies with both BCA acoustic standards and BCA spread of flame index requirements (AS 1530.3)

It can be laid under tiles, stone or timber floors for sound-attenuation purposes and over any membrane for membrane protection.

It can be loose-laid or glued down.

As it is already a mat no curing time is required.

Acoustic Shockmat has outstanding impact sound deadening properties in many residential and commercial applications including:

- Office Buildings
- Apartments, duplexes, units
- Houses
- Hotels
- Hospitals
- Schools, libraries, universities
- Areas where sound transmission may be a problem.

Acoustic Shockmat's features are:

- Meets and exceeds Australian Acoustic Building requirements
- Can be loose laid or glued down applications
- Can be laid under tiles, stone or timber floors
- Can be used over a wide service temperature range
- Environmentally friendly (made from recycled rubber)
- Manufactured under a quality system certified as complying with ISO9001 by an accredited certification body.

In addition it can be used as a membrane protection or non-slip walkway over:

- Bitumen
- Acrylic membranes
- Polyurethanes
- PVC sheet
- Polyester-PVC sheet
- Polyurea membranes
- Butyl-rubber membranes
- Concrete
- Timber

Specifications:

- Complies to Australian Standards (ASTM E 989-89) CSIRO tested 2007 (in accordance with ISO 140-8:1997 & ISO 140-6 and AS 1276)
- Spread of flame index: AS 1530.3
- Material size: 1.25m x 12m
- Material thickness: 5mm
- Material density: 425 kg/cubic meter
- Supplied in roll form therefore no curing required after installation
- Temperature stability: -30 + 80 degrees C
- Classification as building material: B2