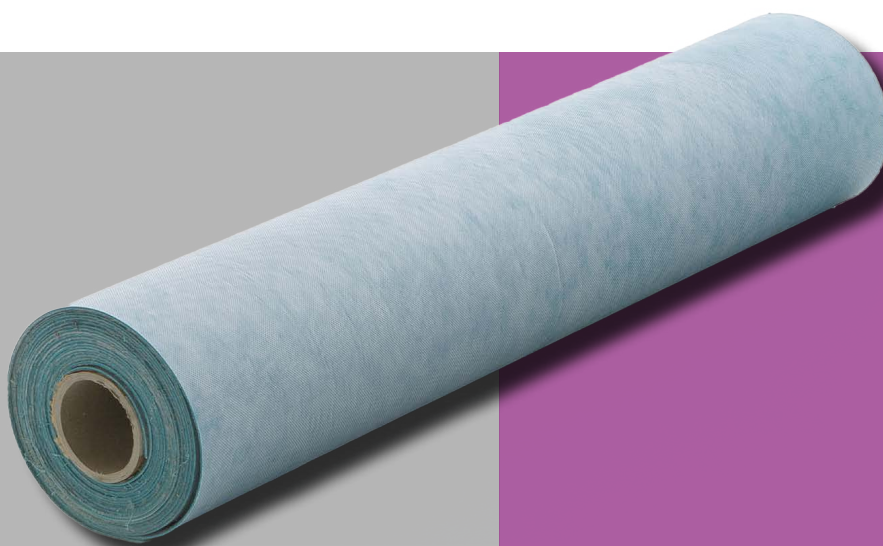


**DWA MATTING****Decoupling, Waterproofing & Acoustic Properties****OVERVIEW**

Matting consisting of a smooth polymer sheet coupled on one side with a non-woven polypropylene fabric and on the other side with a spunbond fabric. Designed to be installed on a screed or floor and then be directly covered with porcelain & ceramic tiles or wooden flooring.

**FUNCTIONS**

- › Decoupling, waterproofing and acoustic properties combined in one matting
- › Offers up to 17dB reduction in impact sound transmission
- › Quick to install
- › Low build up
- › Compatible with most types of floor coverings including porcelain, ceramics and wood
- › Suitable for use on floating floor build-ups

## COMPOSITE TECHNICAL PROPERTIES

|                              | Reference Standard | Value | Measure Units     | Toll. |
|------------------------------|--------------------|-------|-------------------|-------|
| <b>Weight</b>                | EN 9864            | 1.1   | Kg/m <sup>2</sup> | ±5%   |
| <b>Thickness</b>             | EN 9863            | 2.5   | mm                | ±20%  |
| <b>Internal core density</b> |                    | 0.95  | g/cm <sup>3</sup> |       |

## PHYSIC PROPERTIES

|                                         | Reference Standard | Value | Measure Units | Toll. |
|-----------------------------------------|--------------------|-------|---------------|-------|
| <b>S<sub>d</sub></b>                    | DIN 52615          | >60   | m             |       |
| <b>Thermal Conductivity at 10°C (λ)</b> | EN 12667           | 0.04  | W/mK          |       |

## ACOUSTIC PROPERTIES

|                               | Reference Standard             | Value | Measure Units | Toll.                                                                     |
|-------------------------------|--------------------------------|-------|---------------|---------------------------------------------------------------------------|
| <b>Impact sound reduction</b> | EN ISO 10140-3<br>EN ISO 717-2 | 17    | dB            | Test Report #0050/<br>DC/ACU18 CSI spa<br>(Milano); on surface<br>> 10 m2 |

## MECHANICAL PROPERTIES

|                                                             | Reference Standard | Value                      | Measure Units     | Toll.                                                |
|-------------------------------------------------------------|--------------------|----------------------------|-------------------|------------------------------------------------------|
| <b>Compression Test</b><br>Under Constant Load (5KPa 122gg) | EN 1606            | <0.07                      | mm                |                                                      |
| <b>Robinson Wheel Test</b>                                  | ASTM C627          | Light Commercial<br>Rating |                   | Test Report #8069/18<br>Centro ceramico<br>(Bologna) |
| <b>Compressive Strength</b><br>At 10% of deformation        | ASTM D1621         | 1.471                      | k Pa              |                                                      |
| <b>Pull Out Test</b><br>With epoxy glue                     | EN 1348*           | >0.2                       | N/mm <sup>2</sup> |                                                      |

## D PROPERTIES

|               |  | Value | Measure Units | Toll. |
|---------------|--|-------|---------------|-------|
| <b>Roll</b>   |  |       |               |       |
| <b>Length</b> |  | 10    | m             | ±0.1  |
| <b>Width</b>  |  | 1     | m             | ±0.05 |

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