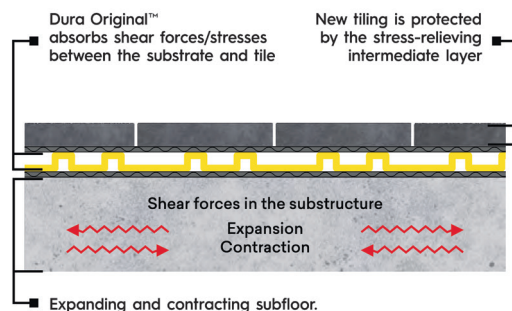


The Solution

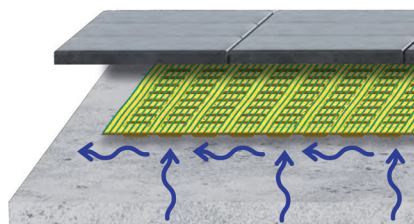
Dura Original™ Decoupling & Sealing System

By installing **Dura Original™** matting, stresses, vibration, shear forces and component movements are absorbed and not transferred to the surface covering, leaving the tile and the grout free of damage. This shear force protection allows safe install of new tiles on old cracked tiles and substrates.



Moisture protection from fresh screed

The non-woven fleece backing absorbs movements caused by the drying of a wet screed or temperature changes in underfloor heating systems. **Dura Original™** also functions as a vapour pressure equalisation layer in case of dampness.

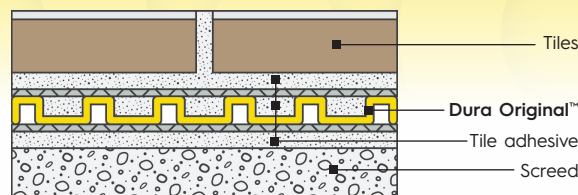


Waterproof protective seal

When used with sealing accessories**, **Dura Original™** provides a waterproofing seal in wet areas. Ideal for areas that are particularly susceptible to moisture.

Specification

Cross section once fitted



Waterproofing	100% Waterproof (when used in conjunction with Dura Original™ Seal Tape)
Product Use	Decoupling and sealing mat for use under tiled flooring
Upper Material	Polypropylene (PP)
Lower Material	Polypropylene (PP)
Height of Product	3mm
Thickness of Textured Foil	0.5mm
Weight Per Unit Area	657g/m ²
Tensile Strength - Machine Direction	788 N/50mm
Tensile Strength - Cross Machine Direction	800 N/50mm
Permitted Temperature Range	-40°C to +80°C
Chemical Stability	Resistant to dilute acids, alkalis and salt solutions.
Electrical Properties	High electrical resistivity
Liner Thermal Expansion Coefficient	175 x 10 ⁻⁶
Behaviour in Instance of Fire	Normal Flammability (B2 as per DIN 4102, Part 1)
Transport Restrictions	Non-hazardous as per GGVSE/ADR and GGSV see/MDG
Disposal	Non-hazardous, e.g. disposable along with normal domestic waste.
Pull out Test - Net	41.3 N/50mm
Pull Out Test - Fleece	7.7 N/50mm

Testing References
 NS-EN 13416 - Flexible sheets for waterproofing - Rules for sampling
 NS-EN 1849-2 - Flexible sheets for waterproofing - Determination of thickness and mass per unit area
 NS-EN 12311-2 - Flexible sheets for waterproofing - Determination of tensile properties.



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 Web: duraoriginal.com

*Subject to terms and conditions. Full details available on duraoriginal.com.
 **See accessories range on duraoriginal.com



Dura Original™ Decoupling & Sealing System

For Crack-Free & Beautifully Tiled Floors

The Problem

Issues with tile installations can occur where tiles have cracked over time, leaks have appeared in the room below or the substrate has been damaged by water ingress.

Substrate Stresses

Movement in the foundations and the flooring may cause cracks to appear in a tiled floor. It isn't possible to lay tiles directly on old and damaged foundations.

Cracks In The Substrate

When renovating old timber or tiled floors, cracks may exist in the substrate which make the secure laying of new tiles impossible.

Moisture From Above

Tiling in itself is not waterproof. Junctions to fittings and walls are particularly susceptible to water seepage which can damage the substrate.

Moisture From Below

In the case of laying on new concrete screeds, residual moisture from the screed may accumulate under the tiles and damage the adhesive bond.

Dura Original™ Decoupling & Sealing System

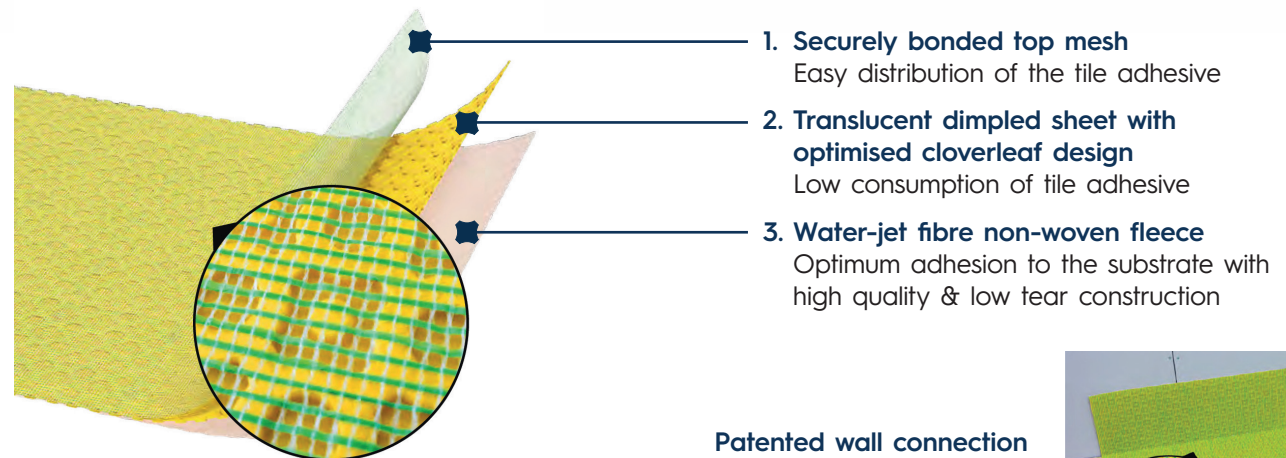
Isola is the Norwegian manufacturer of the Dura Original™ yellow decoupling mat. Widely used in the market and supported by independent testing, it's proven to not fail after installation – giving a performance that's tiled and tested for over twenty years.

Dura Original™ consists of a three layer polypropylene construction that ensures a secure foundation for a safe and stress-free tile installation. The middle core layer is a dimpled sheet, with a wide cloverleaf design, that ensures optimal adhesive contact with the tiled base. The non woven fleece layer is laminated on the underside, guaranteeing excellent substrate adhesion. Finally, the secure thermo bonded green and white mesh layer, simplifies distribution, improves adhesion and reduces the consumption of tile adhesive to only 1.2 l/m².



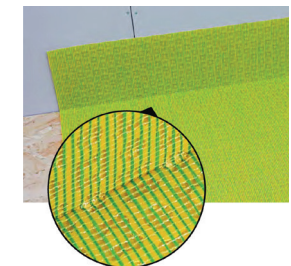
THE ORIGINAL
MANUFACTURER

3-Layer 100% Polypropylene Construction Ensuring Material Stability



5 year warranty
when you register at
duraoriginal.com*

Patented wall connection
Factory engineered folding edge for tanking/
waterproofing. Improves vapour release and
adds waterproofing to the area edge



Don't Compromise ■ Trust the Original ■ Beware of Imitations