



Autex
Acoustics®

ReForm™ Slab

Manufacturer's Guarantee

ReForm™ Slab is manufactured by Autex Industries Ltd under an ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems. The product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all of the performance properties stated within this guarantee.

Specification

Product Name ReForm™ Slab

Description 100% polyester lightweight semi-rigid slab

Metric

Slab dimensions	1220 mm x 2440 mm <small>Custom sizes available on request (MOQs apply)</small>
Tolerance	(+5 mm) (+10 mm)
Thickness	35 mm
Tolerance	(+/- 6%)

Physical Description / Properties

Boiling point N/A

Melting point: 250°C

Vapour pressure: N/A

Specific gravity: Polyester 1.38

Flash point: N/A

Explosive limits: N/A

Solubility in water Not soluble

Alkalinity: pH 7.8

Relative vapour density: N/A

Acoustic performance

ReForm Slab is specifically designed to reduce and control reverberated noise and echo in building interiors.

Minimum Noise Reduction Coefficient 0.70

Frequency (Hz) 125 250 500 1000 2000 4000 NRC

● ReForm Slab 0.15 0.40 0.65 0.80 0.85 0.85 0.70

Service

For further information about ReForm Slab or any other Autex Acoustics® product, please contact your account manager or visit our website.

Care and maintenance

Maintain in accordance with the Care and Maintenance Guide available for this product.



Product Specifications

Fire ratings

ReForm Slab has been evaluated using the following test methods.

ISO 9705: 1993

Classification: Group 2-S

Smoke production rate:

<5.0m²/s

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 2
(SMOGRArc): <100m²/s₂:

Assessed using methodology AS ISO 9705 - 2003 in accordance with AS 5637:2015, as required by BCA Specification C1.10-4

Report available on request

Water vapour sorption

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95% RH

Water vapour absorbed and adsorbed after 4 days:

0.4% by weight

Impact resistance

ISO 7892:1988

Hard body impact

There is no surface damage or penetration to ReForm Slab when subjected to hard body impacts. When adhered to 10 mm plasterboard, the system can resist a 9 joule impact. This is equivalent to the impact of a 0.5 kg object dropped from a 2 m height. A small indentation might be observed when subjected to an impact equivalent to the impact of a 0.5 kg object dropped from a 0.5 m height.

Soft body impact

There is no surface damage or penetration to ReForm Slab when subjected to soft body impacts. When adhered to 10 mm plasterboard, the system can resist a 70 joule impact. This is equivalent to the impact of a 50 kg object dropped from a 150 mm height.

Microbial resistance

ASTM G21-15

Growth rating: 0 (No growth)

ReForm Slab does not promote the growth of moulds and mildew.

Colour fastness to light

Vertiface® topping is suitable for indoor use only.

Light fastness is dependent on use and exposure.

Vertiface topping has been evaluated to the following standard:

ISO 105-B02:2014 Rating: 6
(Highest = 7)

Colour fastness to rubbing

ISO 105-X12:2016

Dry rating: 4-5 (Highest = 5)

Wet rating: 4-5 (Highest = 5)

Fabric Care

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed.

Blot with a clean dry cloth after each application of solution.

Pattern repeat

ReForm Slab is made from recycled PET material and the backing material reflects the variable nature of the recycled material. Both colour and mix of PET materials varies between slabs so repeatability of pattern and colour is highly variable. Please speak to your Autex Acoustics account manager if you have concerns about this attribute.

When Vertiface topping is used, there is no pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up, which is an inherent feature of this product.

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