

ACOUSTIC DUCT LINING DATASHEET

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NOICON DUCT LINING

NOICON acoustic lining for use in HVAC system is thermally bonded nonwoven made from 100% recycled polyester staple fibers meeting the following standards:

- DIN 4102, PART 1 - CLASS B1
- BS 5852 - P2
- CALIFORNIA STANDARDS
- MVSS 203

The fleece also provides thermal insulation properties up-to WLG 0.035 (035) DIN 52612.

SPECIFICATION

Material: 100% Recycled Polyester fiber.
 Standard size: 2.2 x 1 meter (LxW)
 Fire Resistance: Class B1
 Test Method: DIN EN ISO 354 of 2003.
 NRC: 0.65

Key features:

- Fiber content from recycled PET bottles: approx. 60%.
- Thermally bonded nonwoven made from 100% PES staple fibers.
- Resistant to mold growth (DIN IEC 68, Parts 2-10).
- Resistant to vermin infestation and house dust mites.
- Minimum absorption moisture around 1.02% according to DIN 52620.
- Skin friendly.
- Recyclable.
- Allergy friendly.
- Ökotex Standard 100 certified.
- Without chemical additives.

ACOUSTIC PERFORMANCE

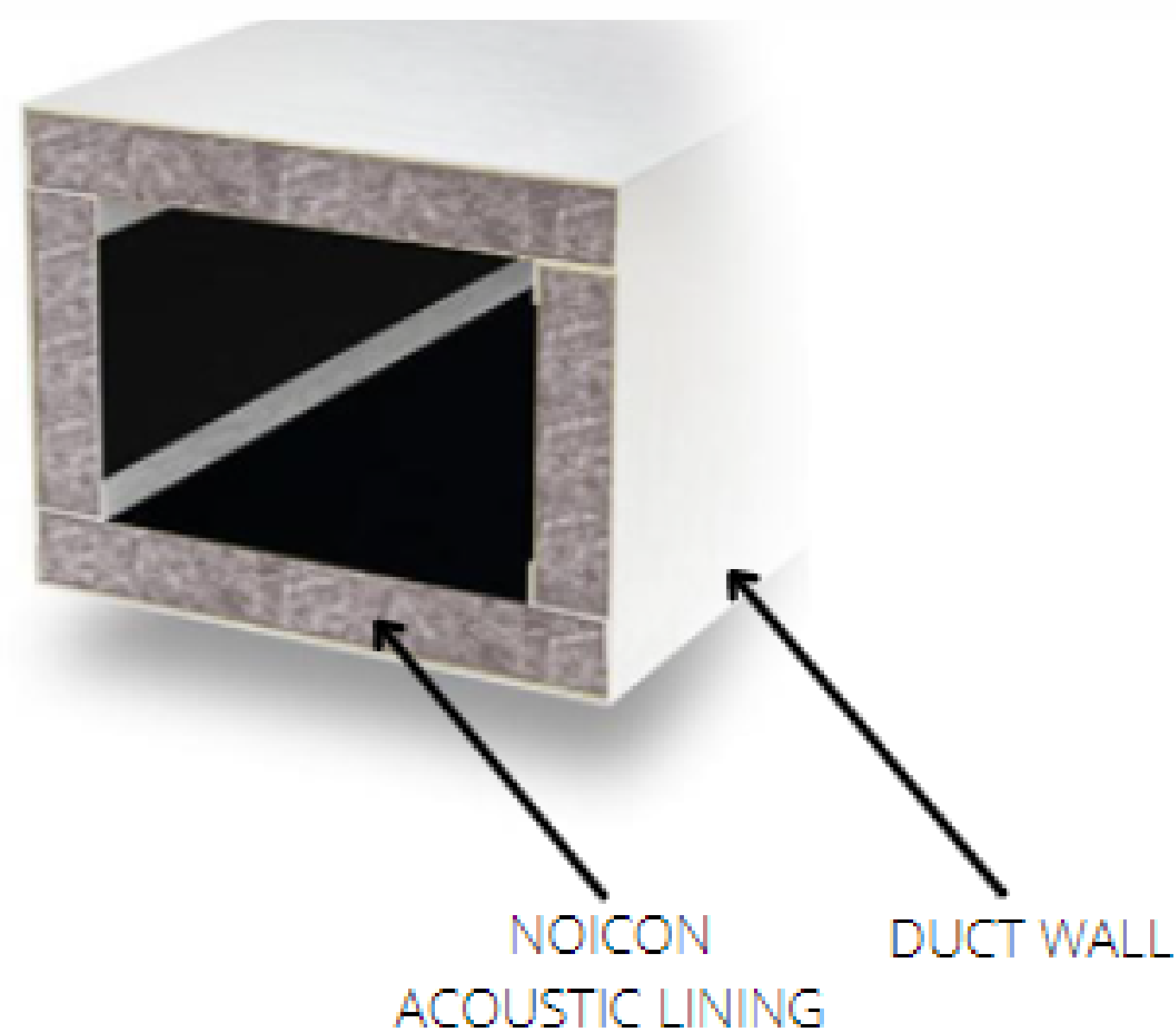
Product Description	α_w	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
40mm thickness - 40kg/m ³ mounted directly to the surface	0.55	0.1	0.25	0.55	0.75	0.9	1

APPLICATIONS

- Internal Duct Insulation.
- Insulation of Air conditioning system.
- Insulation of Ventilation system.
- HVAC Duct Insulation.

MOUNTING DETAILS

- Glued on duct walls internally



AVAILABLE SIZES

- 35-40mm - 40kg/m³
- 25mm - 40kg/m³ (available on request.)