

CELLO® D 2600 • CELLO® D 2600 UV

Cello® D 2600: Closed-cell, low-density polyethylene foam. Especially suitable for applications where direct contact with humidity or water is probable.

Cello® D 2600 uv: Treated with special UV stabilizers, which make the product fit for outdoor applications. Available in black only.

Applications: Machine construction, heating/ventilation/AC systems, cabins/casings/hoods, rail vehicles, sound conditioning, shipbuilding



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min ▶ DIN 4102, tested according to B1 (Cello® D 2600) ▶ DIN 4102, tested according to B2 (50 mm) (Cello® D 2600 uv) ▶ DIN 5510-2, S3, SR2, ST2 and FED ≤ 1 fulfilled (25 mm) (Cello® D 2600, black) ▶ ECE R-118, annex 6 fulfilled (Cello® D 2600, black) ▶ EN 45545-2 2013: requirement R7, HL 3 fulfilled (25-50 mm) (Cello® D 2600, black, NK)
TEMPERATURE RESISTANCE	-50°C to +100°C
THERMAL CONDUCTIVITY / ISO 8301	≤ 0.082 W/(m·K) at -5°C
DENSITY / DIN EN ISO 845	25 kg/m ³
WATER ABSORPTION / UNI EN 12088	Water pick up by diffusion (RH > 95% after 28 days) < 4% Vol.
ADHESIVE STRENGTH ON SHEET STEEL	acc. to CPA-4.01: D 2600 SK-05: 20-24 N/5 cm
THERMAL STABILITY / SHRINKAGE ISO 2796	D3575-08 Suffix s, 24 hours < 3% at 70°C

DIMENSIONS

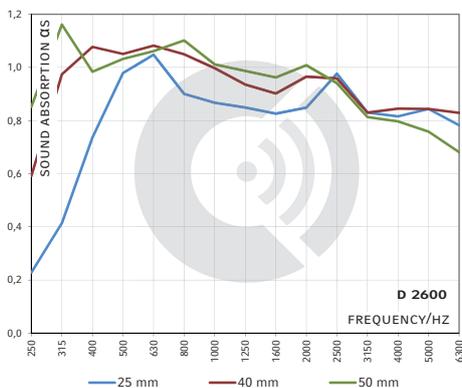
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]
D 2600	25, 40, 50**	- 0 / + 8	1200 X 2400
D 2600 UV	50**	- 0 / + 8	1200 X 2400

Other thicknesses / dimensions on request. Ready-to-use parts according to your specifications or drawing.

*Untrimmed: Effective dimensions guaranteed as ordered, may be exceeded by some layers (foam, film, non-woven etc.).

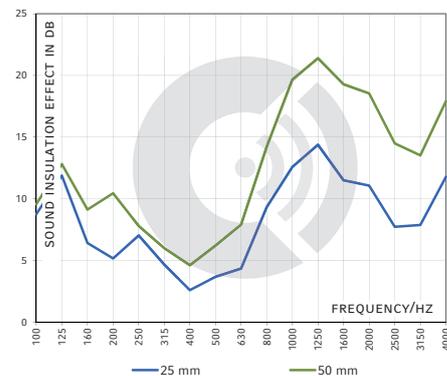
**For thicknesses of 40 and 50 mm, two layers of base material are combined.

REVERBERATION ROOM / DIN EN ISO 354



SOUND TRANSMISSION LOSS***

***TEST PROCEDURE SIMILAR TO DIN EN ISO 10140-2



25 mm: $R_w = 8$ dB
 50 mm: $R_w = 13$ dB
 acc. to DIN EN ISO 717-1

CELLO® D 2600 • CELLO® D 2600 UV**BENEFITS**

- ▶ Excellent resistance against chemicals
- ▶ Dirt-repellent and easy to clean
- ▶ Very good stability and sturdiness
- ▶ Good resistance against humidity, freezing temperatures and dirt
- ▶ Does not offer a substratum for the growth of bacteria or mold
- ▶ Corrosion protection of covered metal sheets
- ▶ High performance values for low and medium frequencies
- ▶ Thanks to its engineered structural properties, this foam reaches sound attenuation values that are usually only attainable with much heavier acoustic materials
- ▶ Can be completely recycled using standard industrial processes

OPTIONS

NK: no self-adhesive equipment

SK-05: self-adhesive rear face

D 2600 F-01: equipped with a perforated backing film that ensures a smoother surface for easy adhesive fixation