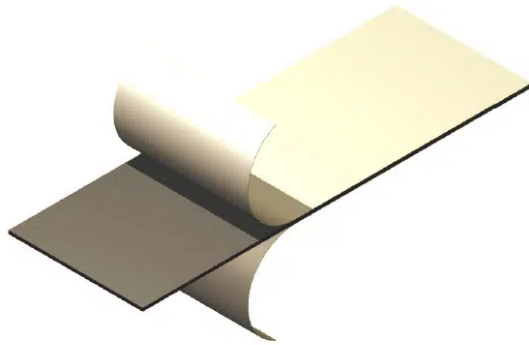




Sandwich Layer CLD14 – CLD21

CLD 14 consists of a bitumen mat with self adhesive and paper release on both sides. Comes in 2 thicknesses; 1,4 mm and 2,1 mm. CLD sheets are primarily used for attenuation of radiation of structureborne noise in mechanical structures.

Product Characteristics

Thickness:

1.4: 1.4 ± 0.2 mm

2.1: 2.1 ± 0.3 mm

Sheet dimension:

1020 mm x 1020 mm (standard)

Custom dimensions and cut on request

Surface weight:

1.4: 1.3 kg/m^2 (+0.25 / -0.13 kg/m^2)

2.1: 2.0 kg/m^2 ($\pm 0.2 \text{ kg/m}^2$)

Adhesion:

Initial adhesive force: Min. 6 N/50 mm according to TM 206

Ultimate strenght: Min. 70 N/ 50 mm according to TM 214

Fire resistance:

< 75 mm/ min according to FMVSS 302

Temperature range:

-30 ° C- + 90 ° C

Notes

Storage:

Max. 6 months in temperature 0 ° C – + 30 ° C

Tolerances:

Raw format – 0

Cutting ± 5 mm

Punch ± 2 mm

Product Applications

Can be used in various applications with plywood, steel or aluminium base plates. Usually recommended for stiff structural applications, where unconstrained damping is insufficient. Energy is dissipated as a result of shear deformation in the damping layer.

Material should have room temperature when cutting and during installation.

Light weight applications: Ventilation ducts, cabinets, noise enclosures, cabins.

Heavy duty applications: Bulkhead isolation, heavy constructions, thick steel panels. Wind-turbine generators, Marine & Offshore

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