CORK PLATE
DATASHEET

1.1. DESCRIPCIÓN:

Thermal and acoustic insulation to be used in walls, ceilings, roofs (inside cavities or as interior / exterior cladding) and ETICS systems.

- ✓ Natural, ecological product, manufactured from renewable raw materials.
- ✓ Optimal dimensional stability, maintaining its characteristics along the time.
- ✓ It does not release solvent or dangerous particles, it is rot-proof and impervious to insects.
- ✓ Good dielectric characteristics, causing less electrostatic charges than synthetic insulation.
- ✓ Thanks to its permeability, it prevents the formation of condensation.
- ✓ CE marking –ETA- 13/0783 that gives the product a trusted commercial status.
- ✓ 98,5% granulated cork and 1,5% adhesive (without solvents).

1.2. CARACTERÍSTICAS TÉCNICAS:

Characteristics	20 mm	60 mm	Norm
Density	170 kg/m^3 (±5%)		-
Dimensions	1000 x 500 mm (± 1 mm.)		-
Available thicknesses	10, 20, 30, 40, 50, 60 mm (± 1 mm.)		-
Fire resistance	EUROCLASE E		EN 11925-2:2002 EN 13501-1 +A1:2009
Thermal conductivity	Λ = 0,045 W/mK	Λ = 0,049 W/mK	EN12667 EN ISO 10456
Thermal resistance	0,444 m^2.K/W	1,225 m^2.K/W	EN 12667:2001
Sound absorption coefficient	αw = 0,15 (Clase E)	αw = 0,50 (Clase D)	EN ISO 20354 EN ISO 11654
Resistance to water vapor diffusion	8≤μ≤15		NP EN 12086:1997
Water absorption (Kg/m^2)	<2		NP EN 1609:1998
Compressive strength (kPa)	>180		NP EN 1603:1998 NP EN 1604 NP EN 13170:2008
Flexural strength (kPa)	>120		NP EN 12089:1997
Dimensional stability (tests performed on the plate and in ETICS systems)	Variation <0.5% in length and width Variation <1% in thickness (temperature and relative humidity conditions: 25/50, 23/85, 40/30, 60/50)		NP EN 1603:1998 NP EN 1604 NP EN 13170:2008
Durability	Tends to infinity		

DECOPROYEC SUBERTRES, S.L. POLÍGONO INDUSTRIAL LOS MOLINOS C/Trilladores nº47, NAVE 4 y 5 · CHINCHILLA DE MONTE ARAGÓN (Albacete) C.P.: 02520
CIF: B-02526978 · Tel.967 26 17 87 · Móvil 645 592 114 · www.decoproyec.com

DECOPROYEC SUBERTRES, S.L. POLÍGONO INDUSTRIAL LOS MOLINOS C/Trilladores nº47, NAVE 4 y 5 · CHINCHILLA DE MONTE ARAGÓN (Albacete) C.P.: 02520
CIF: B-02526978 · Tel.967 26 17 87 · Móvil 645 592 114 · www.decoproyec.com