



UNDERLAYMENT

Technical Data Sheet

Description	Agglomerated underlayment for commercial and residential applications
Materials	Granulated cork and polyurethane cork binder
Granulate Size	05 – 3 mm
Available Measures	Width: 500 mm to 1300 mm, thickness between 1 to 15 mm
	Length: according to customer's request
Dimensional Tolerance	Width EN 426 - ±1%
	Length EN 426- ± 0.5%
	Overall Thickness EN 428 - ± 0.15 mm
Physical and Mechanical Properties ISO 7322	Specific Weight - Density - 200 kg/m ³
	Tensile strength - ≥ 200 Kpa
	Compression - 20-40%
	Recovery - ≥ 75%
Thermal Resistance EN 16354	Thermal Conductivity - 0.05W/mK
	Thermal Resistance - 0.07m ² K/W
Moisture	≤ 8%

Physical and Mechanical Properties ISO 7322	Thickness	Impact noise reduction ISO 717-2	IIC ASTM E492/E989
	2mm	17 dB	45 dB
	4mm	18 dB	46 dB
	6mm	19 dB	48 dB
Fire behaviour	Flammability - Cork underlayment is a fire inhibitor which neither spreads flame nor releases toxic gases on combustion EN13501-1 - Class Cfl -s1		
Formaldehyde and VOCs emission acc. AgBB Scheme	Fulfilled		
Det. punctual conformability (PC) acc. EN16354	Class PC3		
Det. Compressive strenght (CS) acc. EN16354	Class CS3		
Det Compressive creep deformation (CC) acc. EN16354	Class CC2		
Suitable for Under-Floor Heating	Yes		
Floatation	None after 3 hours immersion in boiling water		

COMPLIANCE WITH THE BUILDING REGULATIONS:

The sound insulation of floors is a necessary requirement of the Building Regulations. When used with appropriate structural floor and ceiling constructions, cork underlay can meet the performance requirements for sound insulation of most of the National Building Regulations.

SUPPLEMENTARY INFORMATION:

Agglomerated cork rolls are GREENGUARD® certified, meaning that they have low chemical emissions, improving the quality of the indoor air in the places where they are used.

