

TECWOOL® MORTAR

TECWOOL® F

TECHNICAL CHARACTERISTICS AND SPECIFICATIONS

Composition	Cement, rock wool and additives	
Fire reaction	Fireproof/ Euroclass A1	EN 13501-1
Bulk mortar density	250 Kg/m ³ ± 10%	ISO 3049
Fresh mortar apparent density	328 Kg/m ³ ± 10%	EN 1015-10
Densidad aparente del mortero fresco	464 Kg/m ³ ± 10%	
Thermal conductivity	0,061 W/mk	EN 12667 EN ISO 10456
Alkalinity (pH value)	12,4	
Bulk product, dried at 105°C	0,68% de H ₂ O	
Steam permeability	2,1 (μ)	UNE EN ISO 12572 5.6.2 ETAG 018-1
Resistance to fungi	Immune	
Protection against steel corrosion	Yes	
Flexural strenght	0,15 Mpa (28 days)	EN 1015-11
Crushing strenght	0,19 Mpa (28 days)	EN 1015-11
Wind erosion resistance	15 m/s β=90° y β= 15°	
Toxic/Pathogenic	No	
Free crystalline silica asbestos	No	
Weighted sound absorption ratio (25 mm)	α w=0,8 (H) Class C	EN ISO 354 EN ISO 11654
Acoustic absorption class (15 mm)	α w=0,6 (H) Class B	EN ISO 354 EN ISO 11654
Adherence	0,011 N/mm ² failure	EGOLF SM5
Intended use category	Z ₁ , Z ₂ Internal use	
Marketing	25 kg sacks in 600 kg pallets	
Useful life of the material	25 years	Dite 11/0185