

**TECRESA**  
PROTECCION PASIVA<sup>®</sup> CONTRA INCENDIOS

# **TECWOOL<sup>®</sup>**

# **MORTAR**

## **DESCRIPTION**

Tecwool<sup>®</sup> is a new generation of mortar made of cement and rockwool. Tecwool<sup>®</sup> products provide a high level of resistance and adherence over any kind of surface solving the problems of accumulation of dust and cracking common to other similar mortars.

## **LIST OF CERTIFICATES**

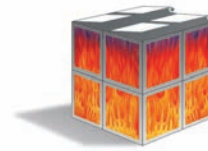
The range of Tecwool<sup>®</sup> products have been tested in laboratories certified by ENAC under UNE-EN normative and UL curve. Tecwool<sup>®</sup> mortar is also in process to have the CE Mark of approval. It is clasified under the European 67/548 CEE, as Xi;R.38 therefore it presents no risk to health.

## **SERVICE PACKAGE**

Tecresa Protección Pasiva<sup>®</sup> offers a wide range of technical solutions with training and technical support as required.

## **RANGE OF PRODUCTS**

- **Tecwool<sup>®</sup>F** - Standard mortar in fire protection.
- **Tecwool<sup>®</sup>Térmico** - Mortar with acoustic and thermal insulation properties.
- **Tecwool<sup>®</sup>825** - High density mortar specifically to protect metallic structures.



# TECWOOL<sup>®</sup> SPECIFICATIONS

## TECHNICAL DETAILS

	Range of Mortars		
	TECWOOL <sup>®</sup> F	TECWOOL <sup>®</sup> T	TECWOOL <sup>®</sup> 825
Mortar density kg/m <sup>3</sup> (dry)	250	150	725
Thermal resistance	*	*	*
Heat transmission rate	0.053	*	*

\* Information in process

## LOGISTICS DETAILS

PALLET	**CONTAINER 40' HIGH CUBE			
	TECWOOL <sup>®</sup> F	TECWOOL <sup>®</sup> F**	TECWOOL <sup>®</sup> T	TECWOOL <sup>®</sup> 825
Length	1325 mm	1325 mm	1325 mm	1325 mm
Width	1200 mm	1200 mm	1200 mm	1200 mm
Height	1150 mm	1250 mm	1150 mm	1050 mm
Sacks / Pallet	21	24	30	24
kg / Sack	25 kg	25 kg	15 kg	30 kg
kg / Pallet	525 kg	600 kg	450 kg	720 kg
€ / kg	0,72 €	0,72 €	0,72 €	0,72 €

### CONTAINER 20' DRY CARGO

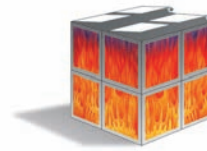
Length: 5,90m Width: 2,35m Height: 2,38m	Pallets/Container Weight container	TECWOOL <sup>®</sup> F	TECWOOL <sup>®</sup> F**	TECWOOL <sup>®</sup> T	TECWOOL <sup>®</sup> 825
		16 8400 kg	---	16 7200 kg	16 11520 kg

### CONTAINER 40' DRY CARGO

Length: 12.02m Width: 2.35m Height: 2.38m	Pallets/Container Weight container	TECWOOL <sup>®</sup> F	TECWOOL <sup>®</sup> F**	TECWOOL <sup>®</sup> T	TECWOOL <sup>®</sup> 825
		36 18900 kg	---	36 16200 kg	32 23040 kg

### CONTAINER 40' HIGH CUBE

Length: 12.03m Width: 2.35m Height: 2.70m	Pallets/Container Weight container	TECWOOL <sup>®</sup> F	TECWOOL <sup>®</sup> F**	TECWOOL <sup>®</sup> T	TECWOOL <sup>®</sup> 825
		---	36 21600 kg	---	---



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SPECIFICATIONS	TECWOOL <sup>®</sup> F	NORMATIVE
Composition	Mortar made of cement, rock wool and other additives	BBDD European Commission
Fire Performance	Non-combustibility Euroclass A1	UNE-EN ISO 1182 UNE-EN ISO 1716
Dry density Spraying density	250 kg/m <sup>3</sup> 300 kg/m <sup>3</sup>	UNE-EN 13381-5 UNE-EN 13381-5
Thermal Conductivity	0,053 W / m·k	UNE-EN 12667
Adherence	0,011 failure	EGOLF / SM / 5 UNE-EN 13381-5
Water vapour permeability	9'04 x 10 <sup>-11</sup> (Kg/m <sup>2</sup> sPa)	UNE-EN ISO 12572
Ph	12.4	---
Flexural strength (MPa)	0,09	UNE-EN-1015-11
Compressive strength (MPa)	0,24	UNE-EN-1015-11
Wind-erosion resistance	15 m/s	INTA: National institute of aerospace technology
Sound absorption coefficient	α <sub>w</sub> =0,8 (MH) Class B	UNE-EN ISO 11654 UNE-EN ISO 354

