

MARCOTHERM THERMAX JUNIOR

Code TRXJUNxxx



DESCRIPTION

Thermally insulated fixing system for spaced loads. Lightweight Venetian blinds, signs, rain gutter tubes, shutter stops, external lights, alarm systems, mailboxes.

MARCOTHERM THERMAX JUNIOR is ideal for applications on façades already outfitted with an external thermal insulation composite system.

APPLICATION

MARCOTHERM THERMAX JUNIOR is a product that is designed for the spaced installation of loads in external thermal insulation composite systems with an insulation thickness from 45 to 160 mm.

MARCOTHERM THERMAX JUNIOR is composed of an insulating cone made of fibreglass reinforced high performance nylon which prevents thermal bridging. It can

be coupled to the head the SX5 fixing screw and 4.5-5.5 mm screws.

6.0 mm fibreboard screws; 6.3 mm sheet metal screws and M6/M8 screws.

CONDITIONS FOR USE

When applying, the air and surface temperatures must not be below +5°C.

STORAGE

Maximum storage temperature: +30 °C

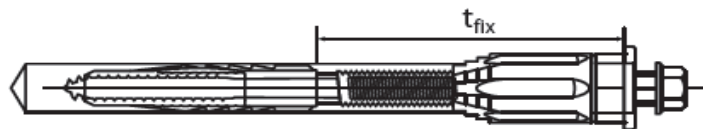
Minimum storage temperature: +5 °C

Keep in a dry place away from sources of moisture.

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TECHICAL INFORMATION



San Marco code	Supplier code	THERMAX type	Hole (mm)	Hole depth (mm)	Anchoring depth (mm)	Plug (mm)	Wall anchor	Coupling screws
	45685	8/60 M6	10	120	60	18	10	4.5-5.5 + SX5/6.5/6.3/M6
	45686	8/80 M6	10	140	60	18	10	4.5-5.5 + SX5/6.5/6.3/M6
	45687	8/100 M6	10	160	60	18	10	4.5-5.5 + SX5/6.5/6.3/M6
	54688	8/120 M6	10	180	60	18	10	4.5-5.5 + SX5/6.5/6.3/M6
	45690	8/160 M6	10	220	60	18	10	4.5-5.5 + SX5/6.5/6.3/M6
	45691	8/180 M6	10	240	60	18	10	4.5-5.5 + SX5/6.5/6.3/M6
TRXJUN160	45692	10/100 M6	12	160	70	22	13	4.5-5.5 + SX5/6.5/6.3/M6
TRXJUN180	45693	10/120 M6	12	180	70	22	13	4.5-5.5 + SX5/6.5/6.3/M6
TRXJUN200	45694	10/140 M6	12	200	70	22	13	4.5-5.5 + SX5/6.5/6.3/M6
TRXJUN220	45695	10/160 M6	12	220	70	22	13	4.5-5.5 + SX5/6.5/6.3/M6
TRXJUN240	45696	10/180 M6	12	240	70	22	13	4.5-5.5 + SX5/6.5/6.3/M6
	45697	10/100 M8	12	160	70	22	13	M8
	45698	10/100 M8	12	180	70	22	13	M8
	45699	10/140 M8	12	200	70	22	13	M8
	45700	10/160 M8	12	220	70	22	13	M8

Recommended tensile strengths

Anchoring bed	Concrete B25	Solid brick	Hollow brick	Lightweight concrete
Product	kN	kN	kN	kN
THERMAX M8	1.00	0.50	0.20	0.40
THERMAX M10	1.50	0.70	0.30	0.60

Recommended cutting loads

At the max. distance T_{fx} equal to 180 mm

Product	kN
THERMAX M8	0.15
THERMAX M10	0.1

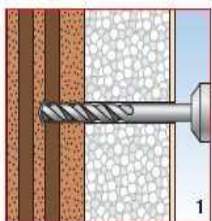
Colorificio San Marco Spa – Via Alta 10 – 30020 Marcon (VE), Italy – Tel +39 041 4569322 – Fax +39 041 5950153 – info@san-marco.it

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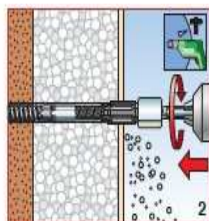
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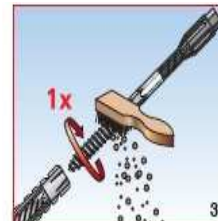
MOUNTING



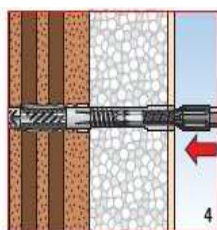
Step 1: make the hole



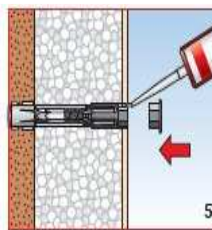
Step 2: create a seat in the plaster coat and in the insulating material using MTH THERMAX JUNIOR without fixing screw



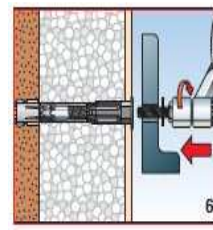
Step 3: clean the threaded bar and the relative hole created in the External Thermal Insulation Composite System



Step 4: Insert the fixing screw so that the head of the screw is flush with the external plaster coat



Step 5: seal around the head of the fixing screw with an appropriate sealant



Step 6: bolt the head of the screw and any rods and tighten

Fischer code	San Marco product code	Fixing screw length	Pcs. per package
Thermax junior 10/100 M6	TRXJUN160	160	20
Thermax junior 10/120 M6	TRXJUN180	180	20
Thermax junior 10/140 M6	TRXJUN200	200	20
Thermax junior 10/160 M6	TRXJUN220	220	20
Thermax junior 10/180 M6	TRXJUN240	240	20

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