

Description

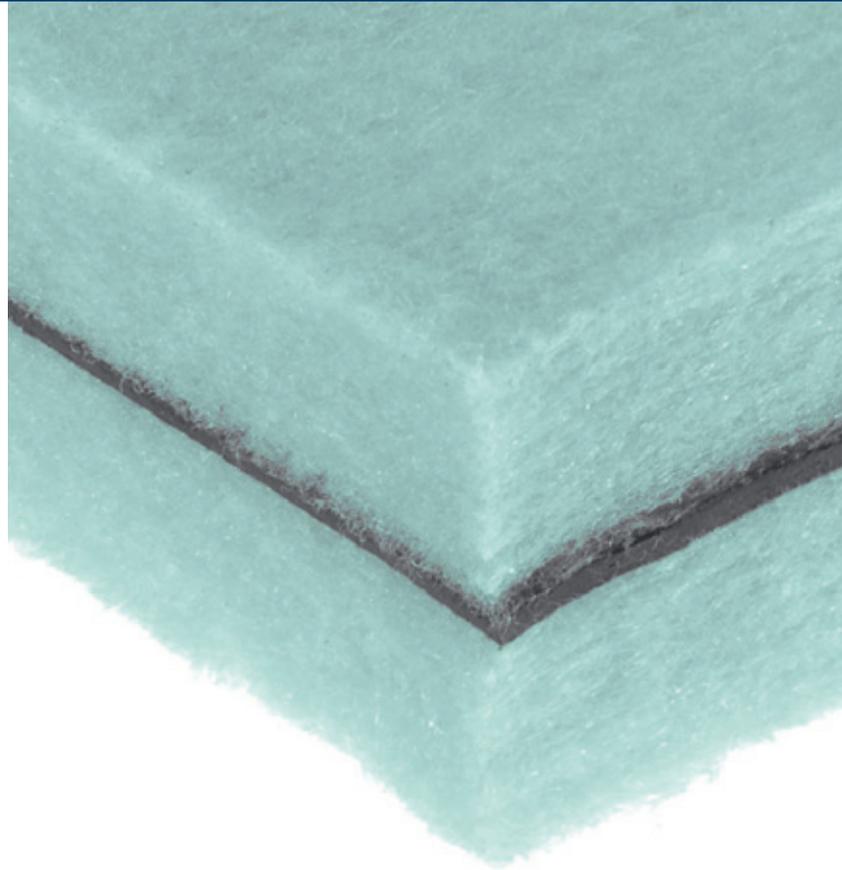
MAPPYSIL CR 400 is an acoustic and thermal insulation panel composed of two layers of CLASS 1/F1 polyester fibers and in between there is an elastomeric high density barrier (EPDM). **MAPPYSIL CR 400** is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase.

Applications

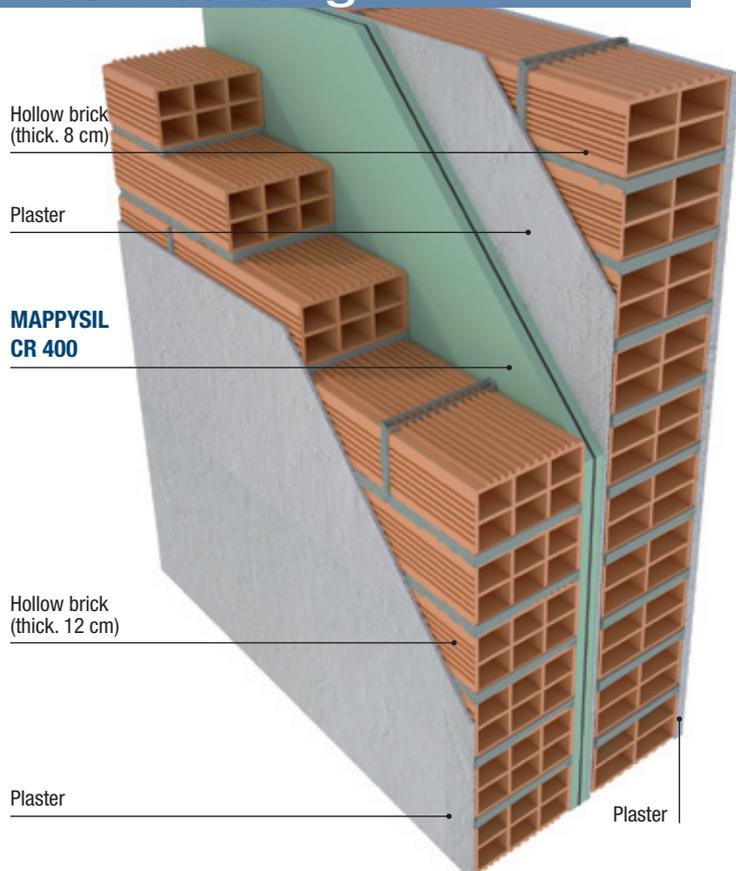
MAPPYSIL CR 400 is ideal for a thermoacoustic insulation of walls and ceilings using a single panel that can be easily inserted within masonry cavity walls or within the studs of drywalls (plaster, wood, magnesium) and placed right on drop ceilings.

Laying

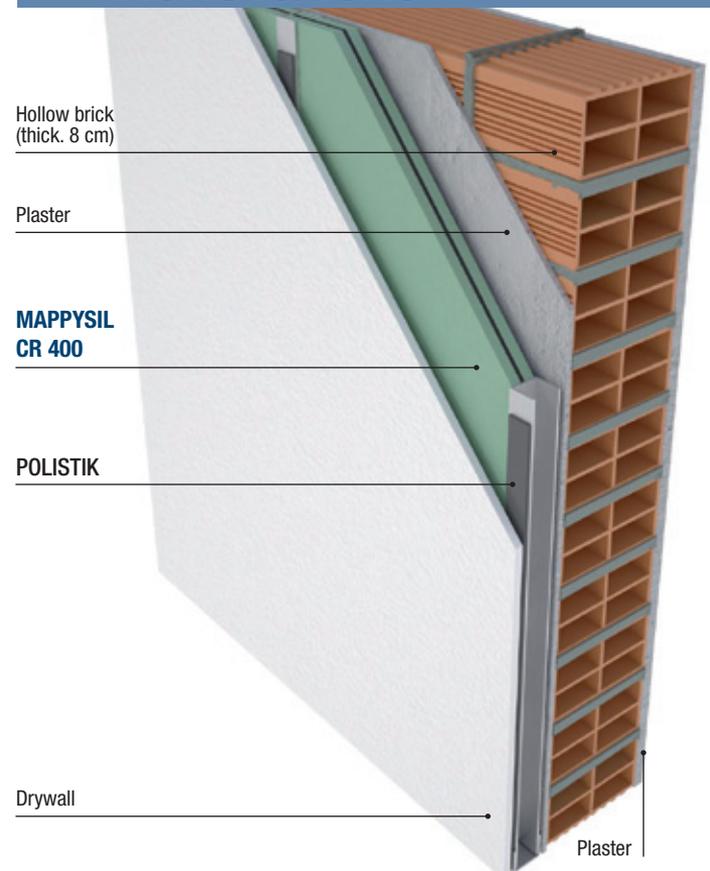
For application inside cavity walls, we recommend the use of special glue **MAPPYCOL S45** (page 96), or polypropylene rawlplugs. To prevent sound bridges, on horizontal and vertical joints between adjacent panels please apply **MAPPYTAPE TXT** adhesive (page 98). In case of application within dry walls it is recommended the laying of **MAPPYSIL CR 400** inside the studs of the wall or use adhesive **MAPPYSIL CR 400** in order to avoid the use of glues. Within drop ceilings lean the product against the internal surface. **MAPPYSIL CR 400** can be cut using a cutter.



New building



Renovations



FIBRE	
Colour *	■
Density	~ 40 kg/m ³
Thermal Conductivity λ	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

ELASTOMERIC MASS	
Colour	■
Weight	~ 4 kg/m ²
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking

MAPPYSIL CR 400	
Acoustic insulation	Rw = 56 db ** (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:1997) Rw = 56 db *** (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:1997)

* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

** Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall (thick 3 cm) filled with Mappysil CR 400 (thick 3 cm) + hollow bricks (thick 12 cm) + plaster (thick 1,5 cm)

*** Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + Mappysil CR 400 (thick 3 cm) + drywall (thick 1,25 cm, weight 11kg/m²)

Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	Y82003012001000BXC	1200	30	1	F	mq	30 mq	BA	115x115x95	30 mq	x	30 mq
Adhesive	Y81003012001000BXC	1200	30	1	F	mq	30 mq	BA	115x115x95	30 mq		100 mq

Installation on a ceiling

