

MapeWrap Resilient System

A buffer wall
without protection
in a hospital damaged
by an earthquake



the innovative **passive protection**
system for buildings in the event
of seismic activity



MapeWrap Resilient System

Mapei technologies unite to offer protection during earthquakes

When an earthquake strikes a lot of damage is caused by the collapse of non-structural elements. This type of damage makes it more difficult for people to evacuate buildings, while buildings considered strategically important following an earthquake, such as hospitals and schools, where partition walls are often coated with resilient materials, become unusable.

The need to improve safety and safeguard the functionality of this type of building, therefore, has led to a union between products for resilient materials and materials used for structural strengthening, particularly the **MapeWrap EQ System**, to create the **MapeWrap Resilient System**.



Application of a 1st layer of **MapeWrap EQ Adhesive** over existing render



Application of **MapeWrap EQ Net**



Application of a 2nd layer of **MapeWrap EQ Adhesive** to completely impregnate the fabric



Skimming the wall with **Planipatch**



Application of **Ultrabond Eco 530** adhesive



Application of resilient wall covering

MapeWrap EQ Adhesive



Technical data

product identity

Consistency	gel
Colour	milky white
Final hardening time	24 hours
EMICODE	EC1 Plus – very low emission
Consumption	0.5-0.6 kg/m ²
Packaging	6 kg drums

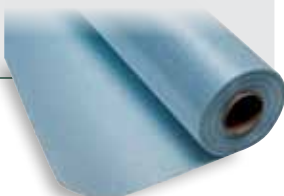


MapeWrap EQ Net

Technical data

product identity

Type of fibre	primed E-type glass fibre
Weight	286 g/m ²
Equivalent thickness of dry fabric	0.057 mm
Tensile strength	> 1600 N/mm ²
Tensile modulus of elasticity	42 GPa
Width	100 cm
Elongation at failure	4%
Packaging	50 m rolls



A resilient wall covering strengthened with MapeWrap Resilient makes rooms safer during earthquakes





finishing layer
PVC wall covering

adhesive
Ultrabond Eco 530

skim coat
Planipatch

reinforcement
MapeWrap EQ Net
(embedded in ***MapeWrap EQ Adhesive***)

adhesive
MapeWrap EQ Adhesive

render

masonry wall

Planipatch



Technical data

product identity

Colour	grey
Storage	12 months
Final hardening time	12 hours
EMICODE	EC1 R - very low emission
Consumption	approx. 3 kg/m ²
Fire classification	A1
Packaging	25 kg bags



Ultrabond Eco 530



Technical data

product identity

Consistency	creamy paste
Storage	12 months
Open time	15-20 minutes
EMICODE	EC1 Plus - very low emission
Consumption	approx. 0.3 kg/m ²
Packaging	16 kg drums





Technical documentation

Use the menu to consult all the available technical documentation, divided according to product line and type of document

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