

# ISOMARC

QUICK-DRYING FIXATIVE MASONRY SEALER

code 4410111

## DESCRIPTION

ISOMARC is a product for impregnating and strengthening walls, suitable for use in painting systems for interiors and exteriors.

ISOMARC features extremely high throwing power, even capable of saturating the hair cracking on the surface of plastering.

Thanks to the styrene-acrylic binder dispersed in a solvent, ISOMARC penetrates and strengthens the wall or the remaining coats of chalking paint.

ISOMARC constitutes an ideal etch primer for subsequent coats of paint, insulating them from the alkaline nature typical of cement-based surfaces and similar surfaces.

## INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Gypsum and gypsumboard surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

## TECHNICAL SPECIFICATIONS

- Type of binder: styrene-acrylic copolymer dispersed in a solution.
- Solvent: aliphatic hydrocarbon mix
- Specific gravity UNI EN ISO 2811-1:  $0,83 \pm 0,02$  kg/l.
- Viscosity per UNI 8902:  $500 \pm 100$  cps a  $25^\circ\text{C}$  (viscosimeter Brookfield)
- Drying (at  $25^\circ\text{C}$  and 65% R.H.): touch dry in 3 hours.; coatability after 6 hours.

## PREPARING THE SURFACE

Plaster, gypsum and gypsumboard surfaces:

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.

- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.

- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.

- Remove any dust, smog or other deposits by brushing.

- Level any irregularities in the surface and treat holes, cracks, crevices and gaps indoor with TAMSTUCCO 9400006/9410110. Use adequate sealants to seal any cracks.

- Sand putty and touch-ups with sandpaper; remove dust.

- Smooth if necessary the plaster surface with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.

- Make sure the surface is completely dry and apply ISOMARC.

- Apply the finishing product at least after 6 hours.

Concrete surfaces:

- Buff the surfaces and eliminate any coats of old paint flaking away.

- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.

- Remove any structural concrete parts which are not perfectly adherent.

- The reinforced-concrete rods protruding from the surface must be thoroughly buffed and treated with BETOXAN PRIMER Passivating grout 9490125.

- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/130; perform the final smoothing with BETOXAN 200 Non-shrinking anti-carbonation smoothing coat 9490120.

- Make sure the surface is completely dry and apply ISOMARC.

- Apply the finishing product at least after 6 hours.

## APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min.  $+8^\circ\text{C}$  / Max.  $+35^\circ\text{C}$

Relative environmental humidity:  $<75\%$

Support surface temperature: Min.  $+5^\circ\text{C}$  / Max.  $+35^\circ\text{C}$

Moisture level of the support surface:  $<10\%$

- Avoid applying when surface condensation is present, or in direct sunlight.

- Tools: brush, roller or spraying.

- N. coats: 1-2 coats must be applied wet on wet.

- The product must be applied evenly, taking care to avoid the formation of sagging.

- Thinning: ready to use. Only on low absorbent supports thin up to 20% with SYNTHETIC THINNER 5210011.

The correct quantity can be evaluated by checking the strengthening of the surfaces which must not feature chalking following the application of ISOMARC.

- Tools must be washed immediately after use with synthetic thinner.

- Indicative spreading rate: 7-9 m<sup>2</sup>/l for each coat based on smooth surfaces featuring average absorption. It is advisable to determine the actual spreading rate by performing a preliminary test on the specific surface.

## TINTING

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## STORAGE

Maximum temperature for storage stability:  $+30^\circ\text{C}$

Minimum temperature for storage stability:  $+5^\circ\text{C}$

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

# ISOMARC

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Limit value EU (Dir. 2004/42/EC)

Cat . H: Binding primers (solvent-base): 750 g/l (2007) /  
750 g/l (2010)

ISOMARC Contains max: 750 g/l VOC

R10 flammable.

R37 irritating to respiratory system.

R51/53 toxic to aquatic organisms, may cause long-term  
adverse effects in the aquatic environment.

R66 repeated exposure may cause skin dryness or  
cracking.

R67 vapours may cause drowsiness and dizziness.

S 2 keep out of the reach of children.

S29 do not empty into drains.

S36/37/39 wear suitable protective clothing, gloves and  
eye/face protection.

S24 avoid contact with skin.

S46 if swallowed, seek medical advice immediately and  
show this container or label.

The product must be transported, used and stored in  
accordance with the standards in force regarding hygiene  
and safety; after use, do not litter, let the residues dry out  
completely and treat them as special waste. Consult the  
safety sheet for additional information.

## SPECIFICATION ITEM

Application, on previously prepared surfaces, of ISOMARC  
quick-drying fixative masonry sealer cod. 4410111 - with  
styrene-acrylic resin base featuring considerable  
strengthening power - of a quantity determined by the  
absorption of the surface.

Supply and application of the material €. .... per m2.

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provided to the best of its technical and scientific knowledge and  
based on its experience; nonetheless, the company may not be held  
liable for the results obtained using these products, as application  
conditions are beyond its control. It is recommended to always  
make sure that the product is suited to each specific instance. The  
present sheet voids and replaces any previously existing sheets.  
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