

ISOWASH

Super-washable water-based paint

DESCRIPTION

Isowash Isocolor® is a super-washable water-based paint, based on vinyl resin in aqueous dispersion, suitable for both indoor and outdoor use. It has a fine granulometry and a medium brilliance and combines the possibility of washing with a good covering power.

FIELDS OF EMPLOYMENT

Isowash Isocolor® is applicable on:

- new and old hydraulic-binders-based plasters;
- internal concrete supports;
- gypsum and plasterboard supports;
- old paints and coatings of organic or mineral nature, dry, compact, absorbent and cohesive;
- supports of various mineral nature as long as they are absorbent.

CHARACTERISTICS AND ADVANTAGES

Isowash Isocolor®:

- is applicable both indoors and outdoors (except for external concrete);
- can be pigmented with Isocolor® dyes;
- has good breathability and promotes the passage of water vapor through walls;
- is resistant to atmospheric agents;
- has a high covering power and can be applied with extreme ease;
- is water-based and therefore ensures the operator healthy working conditions.

HOW TO USE

Preparation of the support:

The support must be mature, dry and cohesive.

If necessary, provide for reconstruction or consolidation of it.

In presence of mold apply Isosan Antimuffa Isocolor® and provide a thorough cleaning.

Any part that peels or many layers of paint must be removed.

In presence of slightly chalky substrates, apply Isolprimer Isocolor®, suitable for internal and external use.

Do not use on external concrete supports: Isowash Isocolor® does not protect against the aggression of carbon dioxide, cause of the deterioration of the concrete.

Proceed in different way, according to the type of support.

- On substrates in plaster, gypsum or plasterboard:
 - a) indoor: apply a coat of Isofix Isocolor® transparent fixative, level the irregularities of the surface and treat any holes and cracks with Rasastucco Isocolor®. Once dry, apply a coat of Isofix Isocolor®, water-based acrylic fixative.

- b) outdoor: level the irregularities with Rasacol Isocolor®. Then apply a coat of Isofix Isocolor® white.
- on internal concrete supports: treat any metal rods with Convertitore di Ruggine Isocolor® (passivizing grout). Apply a coat of Isofix Isocolor® transparent fixative, level the irregularities of the surface and treat any holes and cracks with Rasastucco Isocolor®. Once dry, apply a coat of Isofix Isocolor® white, water-based acrylic fixative.

Application.

The ambient application temperature must be between 10 and 35°C with a relative humidity less than 75%. The temperature of the support must be between 5 and 35°C with humidity less than 10%. Avoid application under direct sunlight.

Apply at least 2 coats of Isowash Isocolor®

- If applied with a brush: spread the product diluted with 30-40% of water the first coat and with 10-20% of water the second one;
- If applied with a roller: apply the product diluted with 25% of water;
- If applied with airless or spray: apply the product diluted with water, according to the equipment and the working pressure that are used.

Clean all tools with water as soon as possible.

After application, the external surfaces must be protected from rain and moisture until completely dry (after approx. 48 hours at 20°C).

TECHNICAL CHARACTERISTICS

Classification according to UNI EN 13300 "Water-based painting products and systems for internal walls and ceilings".

CHARACTERISTICS	METHOD OF ANALYSIS	VALUE
Density (specific weight)	ML017_0:2000 developed according to regulation UNI EN ISO 2811-1:2003	1,54 g/ml
Viscosity (Brookfield)	ML025_0:2000 developed according to regulation UNI EN ISO 2555:2002	33000 cPs
Granulometry		fine
Brilliance		Medium (semi-mat)
Opacity according to the yield (covering power)	ISO 6504-3:1998	≥ 95 e < 98 with yield 10m ² /lt (Class 3)
Resistance from wet to washing and abrasion	EN ISO 11998:2001	Ldft=7.5 μm after 200 abrasion cycles (Class 2)
Drying at 20°C		
Dry to touch		4-6 hours
Overpainting		After 4 hours

Final maximum drying		48 hours
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CONSUMPTION

The theoretical yield is 8-10 sqm/L per coat.

The practical yield depends on the type of application and on the degree of absorption of the support.

COLORS AND PACKING

Isowash Isocolor[®] can be pigmented with Isocolor[®] specific pigments.

The available packs are 1 Lt, 2,5 Lt, 5 Lt and 15 Lt.

STORAGE AND SAFETY

Isowash Isocolor[®] is kept for at least 24 months in the original sealed containers and has to be stocked in a cool and dry place (between 5 and 30°C).

The product can not stand in frost and at temperatures above 35°C.

Consult the safety data sheet before use.

IMPORTANT

This product is formulated to be used as in the application above. The addition of any other product compromises the final result of the surface.

All information contained in this sheet is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer declines any responsibility for the results of incorrect applications. It is advisable to always carry out tests on small surfaces before application. Data can be changed at any time. This sheet replaces and cancels previous ones.

It is essential to consult also the technical and safety data sheets of the other products mentioned in this technical data sheet.

Product intended for professional use.