

General Description:

ICHNOS is a decorative coating based on natural mineral material composed of hydrated lime, selected crushed marble and special additives to control working characteristics. Its microporous structure allows the material to breathe and allowing moisture to pass through that actively contributes to living comfort.

ICHNOS allows the attainment of top-quality finishes with various and unique effect, soft and warm colors, at the same time providing an elegant decoration for interior surfaces.

Major uses:

Applicable on new and old concrete based plaster, gypsum and other recommended substrates which should be firm. Exterior and interior walls of historical or prestigious buildings.

Advantages:

- Natural mineral material
- Contains low VOC
- Wide range of finishes and colors available
- Good workability
- Good water vapor permeability
- Hard wearing
- Resistant to abrasion

Characteristics and Physical Properties:

Colour	See Product Catalogues
Appearance	Paste
Fire Rating	0 - (non-flammable/non-combustible)
Specific Gravity	1.70 kg/L
Solid Content	70 ± 0.5%
VOC	5 g/L
Coverage Rate	1.5 – 2.5 kg/m ² (2 coats)
Drying Time	24 hrs
Overcoat	12 hours
Dilution	Water (if required)

Surface Preparation:

- New concrete should be cured for at least 28 days. All surfaces must be free from oils, grease, dirt and other foreign matters that will prevent the material from adhering to the surface.
- Old concrete floors should be mechanically clean and if contaminated, Degreaser is recommended.
- All laitance and loose materials must be removed from the concrete surface. Apply 1 coat of multi – etch solution followed by thorough washing with water and let it dry.
- Treat the surface with appropriate products in the presence of mold. Remove any salt bloom and any flaking old paint by brushing or washing. Application of MAS Masonry AR Primer is a must to avoid any efflorescence. Application of MAS Masonry Primer for interior or Acrylic Primer White for exterior application
- Never attempt to apply ICHNOS over wallpaper or lining paper and great care should be taken on surfaces that are already decorated. It can be applied on painted surfaces provided the paint is well bonded to the wall.
- A flat or true substrate is vital to achieve a good quality results as any bumps or imperfections may show up in the finished product.
- All cracks must be filled with appropriate putty filler prior to commence on top coating.

Mixing and Application:

Using a stainless-steel spatula, apply a smooth layer of ICHNOS onto a completely dry surface and before the latter dries totally, finish the surface using a damp sponge trowel.

Eliminate any imperfections or accumulations of material. When the first layer has dried completely, use the stainless-steel spatula to apply a second layer and, before this dry totally, finish the surface using a damp sponge trowel to obtain a sealed but rustic surface.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

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In order to obtain a polished effect, pass over the surface with a stainless steel gloss spatula for plasters, before it dries completely.

To obtain a compact effect, before the surface dries completely it is necessary to pass over the surface with a stainless steel spatula, making sure to handle only small portions of material.

Drying time: approx. 24 hours depending on the type of substrate, its absorption and the environmental conditions.

Protective Coat:

ICHNOS in itself has a smooth, hard wearing and resistant to abrasion but with the addition of a protective coat, additional advantage like resistance to scratch to foot traffic on the floor.

Ensure that the surface to be coated is free from dust after sanding with 600 grit sand paper. One to two coats of MAS Protect WB with 50% dilution with water is required. It can be applied by brush, roller or conventional spray.

The applications of the finishing proposed will alter the aspect of the surface. Before proceeding, it is recommended to perform a preliminary test.

Precautions:

The material must be protected from freezing and thermal shocks throughout the entire application process. Do not apply when air, substrate and product temperatures are below +5°C or above +35°C, or in direct sunlight, or on hot surfaces (even if already in the shade). Environment humidity must be < 75%; the humidity of the substrate must be < 10%.

Cleaning Equipment:

Clean with water immediately after use.

Coverage:

ICHNOS: 1.5 – 2.5 Kg/m² in the two layers, according to the finish of the substrate and its absorption. It is good practice to check the effective coverage via a preliminary test on the specific substrate.

Tinting:

Standard colors as per catalogues are readily available and various colors can be obtained with our Tintomachine or can be tinted manually with our range of Unicolor Paste. Limited colors are available for exterior application.

Packaging:

Available in 20 kg buckets

Shelf Life:

ICHNOS can be stored for up to 12 months in unopened packaging. Under good conditions away from direct sunlight and rainfall.

Health and Safety:

ICHNOS is a water-based paint and environment friendly, nevertheless, health and safety awareness must be complied. Risk of serious damage to eyes / skin irritant. Keep out of the reach of children. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and protect eyes / face. If swallowed, seek medical advice immediately and show this container or label.

The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.

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