

TIERRAFINO INTENSE – TECHNICAL DATA SHEET (TDS)

(v.2022.02)

Use

Tierrafino INTense is a ready-to-use additive for hardening and protecting natural clay paints and plasters. It hardens the material and provides better protection against wear.

Tierrafino INTense is a water-based additive. Adding this product to clay paints and plasters before application to the substrate improves the hydrophobic properties and abrasion resistance of the applied clay paints and plasters.

Tierrafino INTense is 100% natural and has been specially developed based on ancient Maya knowledge in combination with the expertise of Tierrafino and Impershield.

Packaging, Application Mixing ratio and storage

Packaging

HDPE jerrycan 1 litre, 5 litre en 20 litres.

Mixing ratio

Depending on the nature of the clay paint and plaster and the desired properties of the result.

Add between 3% to 5% (by volume) to the clay paint or plaster.

Note: we do advise not to exceed the 5% volume ratio to avoid potential cracking of the render.

Recommended addition to natural clay paint or plaster as an indication:

1 litre packaging for approx. 25 Kg Clay paint or plaster
5 litre packaging for approx. 125 Kg Clay paint or plaster
20 litre packaging for approx. 500 Kg Clay paint or plaster

Storage

In the original, closed packaging, stored in a cool and frost-free place, for at least 12 months.

Application

Add between 3% to 5% (by volume) to the clay paint or plaster.

Note: we do advise not to exceed the 5% volume ratio to avoid potential cracking of the render.

Shake well before use. Determine the desired amount of addition.

After addition, stir with an electrically driven mixer for at least 5 minutes, so that the additive is well and evenly distributed in the loam paint or plaster.

Ensure good drying after application.

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Producteigenschappen

Trade name:	Tierrafino INTense
Chemical name:	Natural copolymer, similar to acryl styrene
Chemical family:	Styrene Copolymer
Synonyms:	Acrylic resin, Styrene
Boiling point/range:	100 ° C
Melting point:	n.a.
Flash point:	n.a.
Auto-ignition point:	n.a.
Relative density:	1,04 – 1.14 gr./cm ³ (@ca. 22 ° C).
Evaporation rate:	0.62 (water) (air = 1)
Molecular Weight:	n.a.
Physical state:	transparent milky liquid
Evaporation rate:	n.a.
Solubility in water:	17 mm Hg (water) in all proportions Emulsion
Odor:	Characteristic
Vapour pressure:	n.a.
pH value:	7.5-9.5
% Volatility:	n.a.; forms only water vapour
Flammable or explosive limits:	n.a.
Incompatibilities:	<ul style="list-style-type: none">• Acids and Alkaline Materials (Such as Caustic Soda or Potash/Potassium Carbonate)• Excessive mixing with carbonates and oxidising substances (peroxides)• Acrylic thickeners may cause coagulation

Contact details

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DISCLAIMER

Although this product description has been put together with utmost care, Tierrafino will not be liable for any indirect or direct damage that may occur, by using the information offered in this product description. Please always check for the latest version of the product datasheet.