



# TIMIBETÃO – Water based Varnish f/ Concrete Ext./Int.

## DESCRIPTION

**Timibetão** is formulated with 100% acrylic water-based dispersion of fine particle, providing finishes on concrete with good adherence, durability and weather resistance. It is available in a wide range of colours. It is especially suitable for the varnishing and decoration of exposed concrete, both outdoors and indoors, being also able to be applied to other substrates such as stone, masonry and bricks. The final appearance of the finish may be more transparent or opaque according to the number of coats applied. On cement and concrete surfaces, it prevents its carbonation and corrosion of structural elements.

## PROPERTIES

- |   |   |
|---|---|
| - Excellent weather resistance film                               | - Enhances the texture of the surface                       |
| - Good penetration in the substrate (concrete, render and cement) | -Excellent film resistance to the growth of fungi and algae |
| - High hardness after dry   |   |

## PHYSICAL DATA

COLOUR	Colourless and colours
FILM ASPECT	Gloss
SPECIFIC GRAVITY	1.030 ± 0.030 g/cm <sup>3</sup>
VISCOSITY	50 - 60 KU
SOLIDS BY WEIGHT	39 % – Theoretical Value

## APPLICATION DATA

### SURFACE PREPARATION

**New surfaces** – The surface must be dry, free of grease, dust and other contaminants. Concrete surfaces where laitance is present must be first treated with 5% hydrochloric acid, followed by washing with high pressure water jets.

**Previously varnished surfaces** – In order to achieve adherence of the **Timibetão** to the existing product it is necessary to lightly abrade the surface with a fine grade paper, followed by washing with high pressure water jets.

APPLICATION METHOD	Brush, anti-spatter roller and conventional spray
THINNING	Until 5 % if necessary, with water
THEORETICAL COVERAGE	10 to 12 m <sup>2</sup> /L/Per coat
DRYING TIME	Touch dry – 2 to 4 hours Repainting – 4 to 6 hours
UTENSILS/TOOLS CLEANING	The utensils/tools must be cleaned with water immediately after the application.

### ENVIRONMENTAL CONDITIONS DURING APPLICATION

Ambient Temperature	≥ 5 °C
Relative Humidity	≤ 80 %
Surface Temperature	2 to 3 °C above dew point Do not apply to surfaces which have become very hot through exposure to the sun.
Surface Humidity	≤ 4 %

This technical data sheet is merely of an advisory nature, based on current technical know-how, for guidance, and may be changed without prior notice. As the conditions are beyond our control, the company cannot under any circumstances be held responsible for the obtained final results in its use.



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## SHELF LIFE

When stored inside in original containers and sheltered from sunlight and cold at temperatures between 5 and 40 °C, the product has a shelf life of 3 years after its date of manufacture.

## OBSERVATIONS

The presence of dampness in the surface affects **Timibetão** colours and aspect specially where overlayer of the product exists and may cause the appearance of areas with a whitish shade that disappear after water evaporation.

The colourless varnish doesn't practically affect the colour of the surface enhancing its texture.

## HEALTH, SAFETY AND ENVIRONMENT

In general, avoid contact with eyes and skin; gloves, goggles and appropriate clothing must be worn. Keep out of the reach of children. Use only in well ventilated areas. Do not empty into drains. Keep the container properly sealed and stored in the correct place. Take correct measures when transporting the product; Prevent any accident or incident that may occur during transportation, in particular the rupture or deterioration of the packaging. Ensure that the container is correctly stacked in a safe area. Do not store or use the product in extreme temperature conditions always between 5 and 40 °C. Always take account of the appropriate legislation relating to the Environment, Hygiene, Health and Safety at Work. For more information it is essential to read the label on the container and the product Material Safe Data Sheet.