



NATURAL SURFACE POLIURETHANE T -TECHNICAL DATA SHEET

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Polyurethane high traffic, transparent,
solvent based, for
interior and exterior

Totally waterproof

High resistance to abrasion and direct light in
outdoors

Anti-slip and antibacterial.
Avoid the development of bacteria and
fungus

Easy application without bubble

Application on walls and floors



Commitment with the environment

Natural Surface

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Gully, VIC 3156,
Melbourne, Australia.

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NATURAL SURFACE POLYURETHANE T is a two-component waterproof coating composed of **T01** and **T02**. It is a colorless coating based on reticent resins with isocyanates. This solvent-based coating offers excellent hardness, chemical resistance, and high resistance to yellowing.

It can be applied both outdoors and indoors, offering high resistance to washing and weathering. It is particularly recommended for use in microcement or microrock coatings that experience high traffic.

CHARACTERISTICS

With the application of **NATURAL SURFACE POLYURETHANE T**, you get:

- Protection of Microcement or Microrock coatings.
- Enhance your aesthetic finish.
- Increased abrasion resistance.

TECHNICAL DATA

Type	High strength polyurethane resins
Color	Transparent
Specific weight at 20°C	0,6 Kgs/Lts ± 2%.
Viscosity	20". Ford 4 to 20 °C
Lifetime of the mix	4 h to 20 °C
Touch drying time	4 h
Minimum time for repainting	Min 4 h – Max 72 hours
Application temperature	+ 10°C / + 25°C
Voc	Directive 2004-42 CE
Shipping	Material not dangerous
Storing	Material not dangerous

PHYSICOCHEMICAL CHARACTERISTICS

Persoz hardness at 20°C

<i>4 hours</i>	<i>12 hours</i>	<i>24 hours</i>	<i>7 days</i>	<i>1 month</i>	<i>Total</i>
<i>60"</i>	<i>110"</i>	<i>140"</i>	<i>185"</i>	<i>233"</i>	<i>246"</i>

RESISTANCE TO DOMESTIC CHEMICAL PRODUCTS

(ASTM D 1308 Top Covered)

	<i>Water</i>	<i>Alcohol</i>	<i>Ammonia 3%</i>	<i>Bleach 4%</i>	<i>Hydrochloric acid 24%</i>
<i>1 hours</i>	<i>Doesn't affect</i>	<i>Doesn't affect</i>	<i>Doesn't affect</i>	<i>Doesn't affect</i>	<i>Slight change</i>
<i>4 hours</i>	<i>Doesn't affect</i>	<i>Slight change</i>	<i>Doesn't affect</i>	<i>Doesn't affect</i>	<i>Slight change</i>
<i>24 hours</i>	<i>Doesn't affect</i>	<i>Slight change</i>	<i>Doesn't affect</i>	<i>Doesn't affect</i>	<i>Doesn't affect</i>

INSTRUCTIONS FOR USE

Before applying the **NATURAL SURFACE POLYURETHANE T**, apply coats of NATURAL SURFACE SR SEALER once.

Mix the two components, along with 10% water, by mechanical means, until obtaining a perfect homogeneous mixture, in the following proportions: 4 parts of T01 for 1 part of T02.

Apply a layer, in an orderly manner and without extending too much or stretching the product, ensuring that there is no area left uncovered, without puddles, creating a layer about the thickness of a sheet of paper.

Apply very well drainage areas or joints where water can penetrate.

Apply a second layer in the same way.

The final drying time before use must be at least 24 hours. The minimum waiting time before you can receive water is 7days.

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Apply with a brush, microfiber roller or airless, on the surface clean of dust. It is recommended to go over the surface with the roller, to remove air bubbles, especially in very hot, dry or highly ventilated environments.

The tools and work tools are cleaned with universal solvent.

Always apply in well-ventilated rooms.

Use the appropriate PPE, clothing, gloves and mask.

EFFICIENCY

The efficiency is approximately 150 g/m² for applying two layers.

STORING

In a dry place protected from bad weather in its original recipient hermetically closed.

NATURAL SURFACE BASE MR01. Our systems are based in the research done at our laboratories and the many years of practical experience we have. We guarantee that our products are manufactured, packaged and labeled under the rules of Normative ISO 9001:2008. We decline any responsibility if the end result is affected by external factors not under our control. The end user must check that the product supplied is adequate to the needs that is going to be used for, doing a test in any case that must be necessary.

Review date: 23-05-15.

The present document cancels the earlier editions.

