



| RESIN | ENDURANCE | MIXING RATIO |
|-------------------|------------------|---------------------|
| NATURESIN Comp. A | Water Comp. B | 100:27 |

DESCRIPTION:

NATURESIN is a synthetic ecological resin which is mixed with water in suitable stoichiometric ratios. It is suitable for children's processing, it is completely non-toxic without any harmful reaction both in processing and in accidental contact and/or ingestion.

NATURESIN in its formulations suitable for casting, after a natural rapid hardening, has a structure and a "sound" similar to ceramic, without the need for firing and can therefore be defined as cold ceramic.

APPLICATIONS:

SUITABLE FOR CASTING IN SILICONE OR POLYURETHANE RUBBER MOLDS, TO OBTAIN VARIOUS TYPES OF MANUFACTURED. The details obtained with NATURESIN have excellent precision compared to the original, without any deformation or shrinkage. After drying, the details obtained can be decorated with all the usual colors on the market and also treated in a galvanic bath.

METHOD OF USE:

THE PRODUCT COMES IN A VERY FINE POWDER READY TO USE,

APPLICATION BY CASTING: after having mixed the powder and water for about two minutes in the recommended stoichiometric ratios, a fluid mass is obtained which can also be poured perfectly into silicone rubber moulds, to create high or low reliefs, models, statuettes, vases and any type of artistic reproduction.

STORAGE AND PRECAUTIONS:

The synthetic resins and relative hardeners can be stored for one year in their original, sealed packaging, in a cool, dry place at temperatures between 15 and 30°C. The date of production and expiry as well as the lot number are indicated on each package.

PACKAGING:

1 KG / 5 KG



TECHNICAL AND APPLICATION CHARACTERISTICS

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| PROCESSING DATA | |
| APPEARANCE | White or colored powders |
| NATURESIN GR.100 | WATER gr. 27 |
| WORKING TIME/POT-LIFE (*) | 10-12 minutes with the possibility of extension by adding special retarders |
| END OF CURING (*) | 15-20 minutes |
| HARDNESS (*) | > 300 N/mm ² |
| COMPRESSION RESISTANCE (Moist state: item stored for 24 hours in an environment with relative humidity of 100 lo) | 40 N/mm ² |
| Dry state (after 8 hours in a dry environment) | 55 N/mm ² |
| TEMPERATURE RESISTANCE: | After drying the details obtained with NATURESIN suitable for casting resist temperatures of > 200°C. |

(*) THE FOLLOWING DATA REFER TO TYPES SUITABLE FOR CASTING SILICONE RUBBER.

USE:

The above data are the result of tests carried out in our laboratories. Given the multiplicity of conditions of use, they must be adapted to the conditions of actual use. Therefore, none of our liability may arise from such data. For more specific information, please contact our Technical Service. The data refer to the standards in force at the date of printing. The Company reserves the right to change them without notice.