



Cerâmica Nova Farias
Desde 1985

Massas Cerâmicas

Matérias Primas

Esmaltes Cerâmicos

CERAMIC SEALANT

Waterproofing for ceramic parts

CHEMICAL COMPOSITION

Silanes and Siloxanes in aqueous dispersion.

PHYSICAL CHARACTERISTICS - CHEMICAL

Aspect at 25 °C	Liquid
Colour	White
pH at 25° C	4,5 – 5,5
Density at 25°C (g/cm3)	1,0 – 1,03

PROPERTIES

CERAMIC SEALANT is an aqueous dispersion of siloxane-based hydro-leaking compounds that fill the pores of ceramic parts, thus providing protection against moisture and fungal proliferation.

HOW TO USE AND DOSAGE

CERAMIC SEALANT should be applied preferably pure and by immersion technique, and can be diluted with water. The amount of use can vary between 10g/m² and 30g/m². Depending on the porosity of the piece. **We recommend prior testing to better define the optimal dosage.** In some cases the dosage may be higher. **Healing time 48 hours.**

% Water Absorption From The Piece	Approximate Immersion Time
Over 10	20 sec to 1 minute
4.0 to 10	1 to 3 minutes
1.5 to 4.0	3 to 5 minutes
0 to 1.5	15 to 20 minutes

STORAGE AND PACKAGING

CERAMIC SEALANT is stable for a long time. Store the product in a covered place at temperatures between 5°C and 35°C. The validity of the product is 12 months provided that these conditions are met. Packaging: 1 liter plastic bottle and 5 liter plastic gallon.

SAFETY

CERAMIC SEALANT is not dangerous, however, we recommend good industrial hygiene practices and correct procedures in the handling of any chemical using PPE in order to avoid damage to health and the environment



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NON-TOXIC CERAMIC SEALANT

CERAMIC PARTS CAN BE USED IN OVENS / MICROWAVES AND WASHING MACHINES AFTER APPLICATION OF SEALANT

INSTRUCTIONS

BEFORE USING THE SEALANT

- Use only dry ceramic parts. (wet and hot parts may change the immersion time of the part in the sealant) .
- Perform the water absorption test of the finished ceramic piece (this result is extremely important, it will give us the information of howmany minutes the piece will stay in contact with the sealant). Test that will be done only once, the otherapplications will use the same pattern d thefirst time.
- Perform the first sealant application test with only two or three pieces.
- We recommend the application of the sealant by the immersion method (more guaranteed that all parts will receive the same amount of the sealant).
- Use of clean and dry plastic basins and trays (avoid contamination).



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DURING THE USE OF THE SEALANT

- Use of the timer or mobile timer / watch for better immersion time control.
- After soaking the piece in the sealant and vitar is removed and put the piece back.

AFTER USING THE SEALANT

- Place the pieces in a dishwasher (for better drying)
- Respect the healing time of 48 hours
- Store the sealant in the same container or in another container that has a good seal.
- After the 48-hour curing process, analyze the piece:
 - * Piece got very bright and a little sticky (immersion time was too long/ fix decreasing immersion time).
 - * Part keeps leaking (soaking time was small/fix reapplying the sealant) next time increase the immersion time.

Social networks: Instagram

@selanteceramico

@ceramicafarias