

Curing time: At 25°C until only little tacky.
Subsequently at 220°C for two h.
Please note that this is only a rough clue as the curing depends on the size and shape of the pores and the wall thickness.

Delivery form: Colourless low-viscosity liquid
Packaging: 0,5, 1, 5 or 10 l

Shelf life: 12 month (keep below 30°C and avoid humidity, sunlight; close container thoroughly).

Processing:

The product is ready-for-use; i.e. it can be applied on the spot without mixing. Nano-Seal is typically applied by brushing, dipping or spraying. Vacuum or pressure devices are not necessary.

Anyway, as small pores require a low viscosity the material can be diluted with MEK (butanone). Thus the thickness of the films is also reduced.

Application:

- ◆ Cleaning (preferably with acetone) and drying of the parts to be impregnated at room temperature.
- ◆ Repeated brushing wet-on-wet or dipping for at least 15 min. The temperature of the surface should be at least 3°C above the dew point.
- ◆ Filling of voids (for instance cooling channels) in order to seal from inside is also possible.
- ◆ Drying at room temperature until only little tacky. Then curing at 220°C for at least 2 h
- ◆ As cured Nano-Seal 500 will not dissolve again when in contact with itself as a liquid, the impregnation can be repeated several times if pores are rather large.

Safety precautions: Make sure that the room is ventilated. Remove ignition sources. Read safety data sheet before use.

The technical data mentioned above are general guidelines. They have been generated under optimal conditions in our laboratory. Solely, the user of the product is responsible for the assessment of its suitability for an individual application. JELN highly recommends preliminary tests and denies any liability.