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Technical data sheet • Rev. 10/12

# 288 ARSONSIL 600

SILICONE FINISH HEAT RESISTANT UP TO 600°C

## USES

Specific for the painting of silencers and collectors, stoves, fireplaces and barbecues, chimneys and industrial ovens, boilers and piping for overheated vapour or diathermic fluids.

## MAIN FEATURES

- Direct adhesion on steel
- Excellet outside resistances, to chemical agents and fuels
- Good color stability
- Wide compatibility with zinc rich primers
- Easy to apply

## TECHNICAL DATA

| | | |
|---|---|---|
| • Codes | base product<br>hardener<br>thinner | 288 ...<br>-<br>nitro or R.E. |
| • Mixing ratio | by weight | - |
| • Pot-life | hours | - |
| • Solids by volume | % | 28 ± 2 |
| • Specific gravity | g/l | 1100 ± 50 |
| • Film thickness | micron | 25 |
| • Theoretical coverage | $m^2/l$<br>$m^2/kg$ | 11.2<br>10.2 |
| • Aspect | | semi-matt |
| • Temperature resistance | °C | 600 |
| • Shelf-life<br>(Temperature 5 ÷ 40°C) | months | 12 |

## SURFACE PREPARATION

- NEW STEEL: commercial sandblasting
- OXIDIZED STEEL WITHOUT MILLSCALE: hand or mechanical brushing

## APPLICATION CONDITION

| | | |
|---|---|---|
| • Temperature | °C | 5 ÷ 35 |
| • Relative humidity | % | 0 ÷ 85 |

## APPLICATION METHODS

| | | |
|---|---|---|
| • Conventional spray | | |
| - Nozzle | inches | 0.070 |
| - Air pressure | $kg/cm^2$ | 3.5 ÷ 5.2 |
| - Thinning by weight | % | 0 ÷ 5 |
| • Airless | | |
| - Nozzle | inches | 0.018 ÷ 0.021 |
| - Fluid pump | | 30 : 1 |
| - Air pressure | $kg/cm^2$ | 140 ÷ 170 |
| - Thinning by weight | % | 0 ÷ 5 |

## DRYING TIME (T. 20°C - R. U. 60%)

| | | |
|---|---|---|
| • Touch dry | minutes | 2 ÷ 3 |
| • Hard dry | hours | NOTE |
| • Overcoating time/min | hours | 24 |
| • Overcoating time/max | hours | - |

## RECOMMENDED PRIMERS AND TOPCOATS

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## NOTES

- The product optimizes its polymerization after 30' to 180°C.

## WARNINGS

This sheet gives the technical data based on our best technical and practical experience. However, due to the variable environment conditions or individual application systems we cannot bear any direct or indirect liability or give any guarantee for the use of our products. The customer has to verify the product's suitability for the requested use. For more technical information and details please contact out technical service.