



## Description

**Nilifam-031-SH** is designed for use as a surface hardener paint with high performance finish coat based on acrylic water base resin.

**Nilifam-031-SH** can be applied as a surface hardener primer on wall or concrete.

## Recommended use

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>Adhesion</b>               | Good to manually prepared surfaces. |
| <b>Temperature resistance</b> | Dry: Maximum 60°C                   |

## Physical constants

|                                    |                               |
|------------------------------------|-------------------------------|
| <b>Colours/shade:</b>              | White                         |
| <b>Finish:</b>                     | Matt                          |
| <b>Volume solids, %:</b>           | 30±5                          |
| <b>Theoretical spreading rate:</b> | 5 m <sup>2</sup> /lit-60 Mic. |
| <b>Flash point:</b>                | 45°C                          |
| <b>Specific gravity:</b>           | 1.5±0.15 Kg/l                 |
| <b>Dry to touch:</b>               | Max. 1 hour at 20°C           |
| <b>(Initial)</b>                   |                               |
| <b>Hardness:</b>                   | 7 hours at 20°C               |
| <b>Fully cured:</b>                | 7 days at 20°C                |
| <b>VOC content:</b>                | Max. 10 g/l                   |

## Application details

|                                      |  |             |                  |
|--------------------------------------|--|-------------|------------------|
| <b>Conditions</b>                    | Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3°C above the dew point. |             |                  |
| <b>Method</b>                        | Airless spray  | Air spray   | Brush (touch-up) |
| <b>Thinner (max. vol.)</b>           | Water (10%)  | Water (25%) | Water (5%)       |
| <b>Spray setting</b>                 |  |             |                  |
| <b>Pump ratio minimum</b>            | 40:1   |             |                  |
| <b>Tip size</b>                      | 021"   | 1.6 mm      |                  |
| <b>Tip pressure</b>                  | 150 bar/2200 Psi   | 4-5 bar     |                  |
|                                      | (Airless spray data are indicative and subject to adjustment)  |             |                  |
| <b>Cleaning of tools</b>             | Water  |             |                  |
| <b>Indicated film thickness, dry</b> | 30 microns   |             |                  |
| <b>Indicated film thickness, wet</b> | 100 microns  |             |                  |

# NANOFAM SH

## NF-031-SH

Curing Agent: None



### Packaging (typical)

|            | Mass (Kg) | Size of containers (litres) |
|------------|-----------|-----------------------------|
| Nanofam SH | 20        | 20                          |

### Storage & handling

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

### Shelf-life

|            |            |
|------------|------------|
| Nanofam SH | 6 month(s) |
|------------|------------|

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

### Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Nilifam's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Nilifam representative for approval before commencing the work.

### Safety

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Nilifam material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions

### Tools and equipment

