

Technical Data Sheet

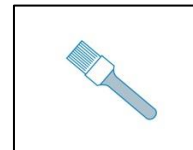
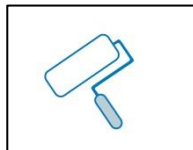
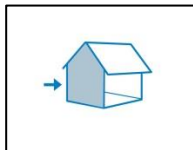
Nano 360 "Clear"

Advanced Nano-Composite, Acrylic Hybrid Binder
Protects & Reduces Dirt Pick-Up for Interior and Exterior ,UV resistant



Product Description

Nano 360 "Clear" is a transparent Clear coat of superior quality that is extremely durable due to its highly innovative Nano-composite binder, which combines the rigidity of inorganic binders with the elasticity of organic binders. It is a new iteration of nano-composite acrylic binder technology for exterior surfaces with exceptional durability. Nano 360 "Clear" is specially formulated with an innovative, ground-breaking, and one-of-a-kind Nano-pure acrylic binder in addition to other high-grade raw materials. Special formulation of Nano 360 "Clear" provides a durable and long-lasting finish with exceptional dirt-resistance.



Recommended Use

Nano 360 "Clear" it is recommended for interior and exterior use as protective top coat on Stone Finish paints, Texture dispersion plasters etc. Unsuitable are substrates showing efflorescence and substrates made of plastic or wood. Not suitable for horizontal or sloping surfaces subject to weathering.

Physical Properties

Volume of Solids	57 ± 2%
VOC	< 16 g/L
Specific Gravity	1.04
Thinner/Cleaner	Potable clean water
Dilution	5% with Water
Application temperature	Min: + 5°C to Max + 40°C
Application Tool	Paint Roller, Brush, Airless Spray Machine
Finish	Silk/Matt
Packing size	3.75 liters & 18 liters
Shelf life	24 months

Film Thickness and Spreading Rate

Dry film thickness	Wet film thickness	Theoretical spreading rate
35 - 45 µm	70 - 90 µm	4.5 – 7.1 m ² /litre

*Spreading rates are indicative per coat, due allowance and wastage factor should be considered in practical application. This indication does not take into account usage for spilling or loss on site. The figure may also vary according to substrate or application conditions. The exact rate of consumption for your particular project is best established by a trial application on site and executed by your desired applicator.

Drying Time

Substrate temperature	10°C	25°C	40°C	
Touch dry	8	4	2	h
Dry to over coat	16	8	4	h
Ready for stress	96	48	24	h

Technical Information Issue: April'2023

This document's recommendations and application instructions are based on our most recent technical expertise. We cannot be held liable for its content due to the great variation of particular project requirements. These instructions do not absolve the purchaser or user of their obligation to assess the product's suitability in light of the project's specific requirements. When a new version is published, these instructions are to be regarded as null and void. We retain the right to alter the provided information without additional notice. Our most recent version of our general terms of sale and delivery is applicable.

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*The material cures physically by evaporation of water. Drying time generally related to air circulation, temperature, film thickness, no of coats and relative humidity. The given data must be considered as guidelines per coat only. The actual drying time before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. The figures given are typical with Good ventilation (outdoor exposure or free circulation of air), typical film thickness, on coat on top of inert substrate and relative humidity 70%.

Guiding data for airless spray equipment

Spraying angle: 50° - 80°
Nozzle size: 0.018" - 0.026"
Pressure: 150 - 180 bars

*The above-mentioned spray specifications are provided as a general guide only; other factors that may affect tip and operating pressure selection include fluid hose length, diameter, paint temperature, and project complexity. Filter cleanliness should always be checked.

Certificates and Test Values*

*Test certificates and approvals may available on request or could be arranged if required.

Storage and Handling

- Keep out of reach of children.
- Avoid contact with Skin and eyes.
- 24 months when stored in warehouse conditions below 35°C in the original, unopened packs.
- The product must be kept in in cool, dry well-ventilated space and away from source of heat and ignition.
- Containers must be kept tightly closed and always handle with care.

Health and Safety

- Always make sure there is adequate ventilation while applying and drying.
- When applying paint indoors via spray, use suitable air-supplied breathing apparatus and avoid inhaling vapors or spray. Respiratory equipment needs to be appropriate for the job and meet necessary criteria.
- It is advisable to use appropriate protective clothes, eye protection, a dust mask, and gloves when applying paint.
- If eye contact occurs, rinse with lots of water right away and get medical help.
- To clean droplets from the skin, use soap, water, or an approved skin cleanser. Use or store nothing by hanging anything from a hook.
- Materials and all packaging associated with them must be disposed of safely and in line with all local authorities' regulations.
- Prevent product from entering wadis, watercourses, drains, and soil.
- To be recycled, only empty containers should be used.
- Requests for Material Safety Data Sheets (MSDS) will be honored.

Disclaimer

This technical data sheet's material is based on both laboratory studies and real-world practical experience. It is the user's obligation to confirm that the product is appropriate for the use for which it is intended. Because Caparol has no control over the frequent usage of its goods in improper situations, we are unable to take responsible for any consequences associated with their use. We have the right to make changes to the data sheet's contents at any time and without prior notification. For advice on applications, we suggest speaking with Caparol in order to assure product performance and suitability.

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