



NAX-BTC

Technical Data Sheet

TECHNICAL DATA

Solids by Volume	60% ± 5
Density	1.2 g/cm ³ ± 0.05
Viscosity	1000 – 1500 Poise
pH	7 – 8
VOC	0%
Flash Point	Non-Flammable
Shelfing Temp.	10 °C – 45 °C
Shelf Life	12 month (@ 25 °C)
Package	Bucket (20 kg)
Color ⁽¹⁾	White

APPLICATION DETAILS

Application Method	Air/Airless Spray, Brush, Roller
Surface Temperature	17 °C – 40 °C
Dew Point	20 °C – 43 °C
Thinner / Cleaner	Water (10%)
Nozzle Tip (inch/1000)	17 – 23
Nozzle Pressure (Min)	150 bar / 2100 psi
Theoretical Spreading Rate	210 g/m ² (@ 100 µm)
Wet Film Thickness	130 – 160 µm
Dry Film Thickness	80 – 100 µm

DRYING & CURING TIME

Substrate Temperature ⁽²⁾	10 °C	25 °C	40 °C
Surface (Touch) Dry	3 h	2 h	1 h
Dry To Handle	8 h	6 h	4 h
Dry To Over Coat (Min)	24 h	20 h	12 h

All drying times have been measured at a wet film thickness of 130 µm under controlled temperature and relative humidity below 80%. The relative humidity of the air during use and drying should not exceed 80 degrees.

NOTES:

1. The original color is white, but according to the customers need, it can be produced in any color.
2. Film Thickness may be specified in another film thickness that indicated depending on purpose and area of use. This will alter the spreading rate and may influence the amount of thinning necessary, drying time and recoating interval.

► PRODUCT DESCRIPTION

This product is a high quality for exterior usages, acrylic silicone water-based topcoat. Silicone protection offers outstanding protection against destructive effect of UV rays present in Sunlight. The special silicon binder provides durable and long-lasting matt finish with low dirt pick up. Resistant to algae and fungus.

► RECOMMENDED USE

Ideal for decorating and protecting exterior surfaces and specially suits as a maintenance product. Substrate can be used:

- Cement plaster, concrete, block work, rendered surfaces, gypsum board, metal deck etc.

► OUTSTANDING CHARACTERISTICS

- Environmentally friendly
- Quick installation
- Safe for skin contact
- Non-flammable
- Non-toxic
- Superior adhesion
- Chemical resistance
- UV Resistant

► SURFACE PREPARATION

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry, and free from any contamination. Refer to the Application Guide (AG) for additional information.

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This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) and the Application Guide (AG) for this product.

Please visit our website at www.nanoaxon.com

USER NOTE: Although the technical details and recommendations contained in this brochure correspond to the best of our knowledge and experience, all of the above information must, in every case, be taken as merely indicative and subject to confirmation after long term practical applications: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in any case the user is fully responsible for all consequences deriving from the use of the product.

