



TRADE RANGE

TECHNICAL
DATA SHEET

NAC™
NATAL
ASSOCIATED
CHEMICALS

HYDROSIL

CODE:

THL

DESCRIPTION:

Hydrosil is a totally clear, low viscosity, economical silicone water repellent for the treatment of porous materials used in the construction industry. Suitable for direct application to low fired clay products e.g. roof tiles, floor tiles, face bricks, flower pots, etc. For use on aerated concrete, gypsum based plaster boards. Also used to impart water repellence to light fillers such as perlite, vermiculite and other insulating materials. May be top-coated with conventional decorative water-based coatings.

PRODUCT BENEFITS:

Dries to an invisible finish giving good water repellence within 24 hours. Increases life expectancy and reduces mildew growth. Helps prevent efflorescence.

SURFACE PREPARATION:

New unpainted surfaces must be clean and dry. Efflorescence, grease, oil, fungi etc must be totally removed before application. Applying Trade Hydrosil requires the brush to be fully loaded and the product should be running down the wall at least 150mm from the point of application. It is essential that 2 saturated coats be applied for optimum results. Apply second coat while first coat is still wet. May be applied over water based coatings. Not recommended for application over solvent based coatings.

GENERAL:

Do not apply if rain is expected. Harmful if swallowed. Use rubber gloves and eye protection. Do not store in any containers other than plastic or glass. Store above 0°C. Shelf life approximately 15 months. Trade Hydrosil is alkaline and corrosive.

APPLICATION:

Ready for use by brush, roller or spray. Thinning not required. Clean up with water.

TECHNICAL DATA:

Type:	Silicone
Drying Time: (T)	Approx. 2 Hours (dries by water evaporation)
Relative Density:	Approx. 1.000
Spread rate:	3 - 4m ² /L depending on surface profile and porosity.
Flashpoint:	Non-flammable
Colour Range:	Clear (totally invisible)
Pack Sizes:	5lt

Health and Safety:

Refer to Material Safety Data Sheet