



# SHIELDCOAT PTY LTD

WATER BASED      PROTECTIVE      COATINGS  
Providing sustainable energy solutions through innovative building systems

## Naturatex

### Renders & Textures

## Reinforced Render System for Quik'n Tuff® Panel Wall

Quik'n Tuff® wall panels are to be installed as per manufactures specifications.

Exterior grade plastic angle trims with a 3.5 mm lip are recommended to be used and glued with a Bostik® adhesive.

Naturaprime is to be brushed on plastic angle trims prior to installation to provide a key.

Fibreglass reinforcing mesh must be used and embedded in an impact coat of cement render.

**Disclaimer:** Shieldcoat Pty Ltd will not accept responsibility for the uses of our products' if they have been incorrectly applied by a person who is not a Shieldcoat Approved Applicator. Shieldcoat Pty Ltd will not accept colour variances outside different batches; this includes products' coloured in our factory or by an approved distributor or retail outlet. It is up to each applicator to evaluate safe use of these products and to ascertain the commercial aspects of each project.

#### Specialists in

- Roof coatings
- Flexible painting,
- Driveway coatings
- Texture coatings
- Heat reflectant membranes

#### Coatings for

- Timber
- Masonry & metal surfaces
- Waterproof membranes
- Naturashield-Lime based coatings
- Paint consultancy

**ROOF BOND**  
FLEXIBLE POINTING FOR RIDGE CAPS

**ROOF Bond**  
ROOFING PAINT

**THERMOSHIELD**  
Heat Reflectant Coating

**STENCILSHIELD**  
Acrylic Driveway Coating

Naturatex  
Texture Coatings

**CONCRESHIELD**  
For Driveways & Pathways

Naturashield  
Lime-based Coatings

**TEXTURESHIELD**  
Coatings over Render

**WATERSHIELD**  
Waterproof Membranes

**CONCRE - BOND**  
Bonding Liquid

**TERRA - BOND H**  
Terracotta Tile Sealer

**SHIELDSEAL**  
Sealer/Primer

**FILLA BOND**  
High Build Filler

**RUSTSHIELD**  
Anti-Corrosive Primer

**MOULD SHIELD**  
Anti-Mould Wash

**RAINSHIELD**  
For Shadecloth & Canvas

**MARINESHIELD**  
Natural Anti-Fouling

ABN 79 090 620 410

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## Application steps for Polymer Modified Cement Render:

- Mix one or more 20 kg bags of *Naturatex* Daudeat polymer modified cement render in a cement mixer and add approximately 4 litres of water per 20 kg bag to desired consistency.
- If mixing by hand, mix one bag of *Naturatex* Daudeat polymer modified cement render in an appropriate bucket and add approximately 4 litres of water per 20 kg bag to desired consistency then mix with an electric drill with a mixing attachment.
- Apply one coat of *Naturatex* Daudeat polymer modified cement render to the surface and joints then embed a sheet of alkaline resistant fibreglass reinforced mesh over surface. Trowel over a skim coat of *Naturatex* Daudeat polymer modified cement render. Allow to dry for at least 1 hour depending on build and weather conditions.
- Apply second coat of *Naturatex* Daudeat polymer modified cement render while first coat is still green, but firm enough to take the second coat. Coat over the surface with a trowel finishing with a poly float. Allow 48 hours to cure before painting depending on weather conditions.
- Apply 2 coats of *Naturatex* Textureshield paint or *Naturatex* Provencal textured finishes according to Shieldcoat application methods for these products.

## Application steps for acrylic render:

- Apply one coat of *Naturatex* Daudeat polymer modified cement render to the surface and joints then embed a sheet of alkaline resistant fibreglass reinforced mesh over surface. Trowel over a skim coat of *Naturatex* Daudeat polymer modified cement render. Allow at least 48 hours, depending on weather conditions to cure before further applications dry.
- Apply one coat of either *Naturatex* Alfresco (**fine sand, grain coat or scratch effects**) over the surface with a trowel finishing with a poly float. Allow 24 hours to dry.

Note: *Naturatex* Alfresco (**Scratch Effects**) may require 2 coats.

- Apply 2 coats of *Naturatex* Textureshield paint or *Naturatex* Provencal textured finishes.

## Notes:

1. Fibreglass mesh is an integral part to the **Quik'nTuff**® wall system and must be used in conjunction with an impact resistance coat of *Naturatex* Daudeat polymer modified cement render.
2. The fibreglass mesh must be embedded into the surface of render. This means the fibreglass mesh can not be applied first to the wall system and then over coated with render.

# MSDS Safety Data Sheets.

## Material Safety Data Sheet: NATURATEX DAUDEAT Polymer Modified Cement Render



### PRODUCT INFORMATION:

Product Name:	Naturatex Daudeat
Hazardous Nature:	This product is classified as hazardous according to the criteria of Worksafe Australia.
Uses:	Fine textured, trowelable render for over Conopcrete ® existing bricks, aerated concrete panels, or block work.
Hazchem Code:	Not Applicable
UN Number:	Not Applicable
Poisons Schedule:	Not Applicable
Dangerous Goods Glass:	Not Applicable

### Physical Description/Properties:

Appearance:	A grey fine powder.
Boiling/Melting Point:	Melting - <1200°C
Vapour Pressure:	Not Applicable
Percent Volatiles:	Not Applicable
Specific Gravity:	2900 – 3150 kg / m <sup>3</sup>
Flash Point:	Non-combustible
Flammability Limits:	Not Applicable
Auto Ignition Temperature:	Non-combustible
Solubility in Water:	Slight, hardens on mixing with water.
Respirable Fraction:	Not Applicable
Other Properties:	Non-explosive
	Particle Size: 0 – 40% of particles are in the respirable range of less than, or equal to, 7 micron.
	PH: >12
Ingredients:	Cement, sand and inert fillers.

 **HEALTH HAZARD INFORMATION:**

**SHORT TERM EXPOSURE:**

- Swallowed:** Can affect the mucous membranes. Corrosive to mouth and throat.
- Eyes:** Freshly mixed concrete, mortar, grout and slurry are irritating and corrosive to the eyes and may cause alkaline burns. Cement dust is irritating to the eyes.
- Skin:** Freshly mixed concrete, mortar, grout and slurry are irritating and corrosive to the skin and may cause alkaline burns and dermatitis. Inhaled: Cement dust is irritating to the nose, throat and respiratory tract cause coughing and sneezing.

**LONG TERM EXPOSURE:**

- Swallowed:** Not applicable
- Eyes:** In dust form it may cause inflammation of the cornea.
- Skin:** In individuals who are allergic to Chromium it may cause them to develop an allergic dermatitis.
- Inhaled:** In dust form it may cause inflammation of the lining tissue of the respiratory system. Repeated inhalation of dust containing crystalline silica can cause bronchitis, silicosis (scarring of the lung) and lung cancer. It may also increase the risk of Scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs).
- Studies have shown that smoking increases the risk of Bronchitis, silicosis and lung cancer in persons exposed to crystalline silica.

 **FIRST AID:**

- Swallowed:** Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. Seek medical attention.
- Eyes:** Flush thoroughly with flowing water for 15 minutes. If symptoms persist, seek medical attention.
- Skin:** Wash thoroughly with water. A shower may be required.
- Inhaled:** Remove to fresh air, away from dusty area. If symptoms persist, Seek medical attention.

 **PRECAUTIONS FOR USE**

- Exposure Limits:** Worksafe Australia Exposure Standard –
  - Crystalline silica (quartz): 0.2 mg/m<sup>3</sup> TWA (time weighted average) as respirable dust.
  - Dust: (NOS – not otherwise specified): 10 mg/m<sup>3</sup> TWA as inspirable dust.
- Recommendations:** Keep exposure to dust as low as practicable. Respirable crystalline silica levels should be kept below 0.1 mg/m<sup>3</sup> TWA
- Engineering Controls:** All work with cement should be carried out in such a way as to Minimize exposure to dust and repeated skin contact. When handling cement, use local mechanical ventilation or extraction in areas where dust could escape into the work environment. For bulk deliveries, closed pumping systems are recommended. For handling of individual bags, follow instructions below if no local exhaust ventilation is available.

- Personal Protection:** In dust environments use a filter mask AS1715 (Class P1 or greater and tight fitting goggles (AS/NZ 1336). If handling cement, wet concrete, mortar or grout personnel should wear full cover clothing, boots and gloves. Wash skin thoroughly after handling. Wash work clothing regularly and separately from other clothing. It is recommended workers should shower with soap and water.
- Ventilation:** In dusty environments, the use of filter masks AS 1715 (Class P1 or greater) and tight fitting goggles is recommended. Local dust extraction and collection may be used, if necessary, to control airborne dust levels.
- Flammability:** Naturatex Daudeat is non combustible.

#### **SAFE HANDLING INFORMATION**

- Storage and Transport:** Naturatex Daudeat needs to be protected from moisture.
- Spills and Disposal:**

Spills are best cleaned up by vacuum device or a fine water spray so as not to disperse dust into the air.

Personnel should wear full cover clothing. Personnel exposed to Naturatex powder in confined environments should wear suitable mask and goggles. Personnel handling wet concrete, mortar or grout should wear boots and gloves.

Naturatex can be treated as common waste for disposal or dumped into a landfill site.

Keep out of storm water and sewer drains.
- Fire/Explosion Hazard:** None. Naturatex is a stable substance, compatible with most other building materials and will not decompose into Hazardous by-products.

 **OTHER INFORMATION:**

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the users should contact this company. Our responsibility for product sold is subject to our standard terms and condition which are available upon request.

## **MSDS Safety Data Sheets.**

Material Safety Data Sheet: **NATURATEX ALFRESCO / THERMOTEX Acrylic Renders**

 **PRODUCT INFORMATION:**

Product Name: Naturatex Alfresco includes Thermotex

UN Number: None allocated

Dangerous Goods Class: None allocated

Subsidiary Risk: None allocated

**Hazchem Code:** **None allocated**

Poisons schedule number: Not Scheduled

**Use:** Trowel -able acrylic render for over Conpolcrete®, Block, Brick, aerated concrete panels, polystyrene and masonry.

**Conpolcrete®** is a registered trade mark of **Quik'n Tuff® Systems PTY LTD.**

**Physical Description/Properties:**

Appearance: Coloured mixture with the consistency of wet sand

Odour: Slight acrylic odour

pH: 8-9

Melting Point: Non-volatile

Vapour Pressure: Non-volatile

Flammability: Not flammable

Specific Gravity: 1.35 (approximately)  
(water = 1)

Solubility in water: Miscible

Molecular weight: Not determined

Auto ignition temperature:

Does not auto ignite

**Ingredients:**

**Chemical Entity:**

Inert fillers  
Acrylic Emulsion  
Catalyst  
Preservative  
Pigment  
Anti-foam  
Water



**HEALTH HAZARD INFORMATION:**

**HEALTH EFFECTS:**

Acute

**Swallowed:**

Unlikely under normal conditions of use, but swallowing the mixture will result in abdominal discomfort, nausea and diarrhoea.

**Eye:**

The pointing mixture will irritate the eyes causing watering and redness.

**Skin:**

The mixture in association with heat and sweat, may cause irritation.

**Inhaled:**

Inhalation is unlikely. The slight odour may irritate some people.

**HEALTH EFFECTS:**

Chronic

There are no known long-term health effects, though prolonged and repeated skin contact may result in chronic skin irritation.



**FIRST AID:**

**Swallowed:**

Give copious amounts of milk or water to drink.

**Eye:**

Flush thoroughly with flowing water for at least 15 minutes. If symptoms persist, seek medical attention.

**Skin:**

Wash thoroughly with soap and water

**Inhaled:**

Remove to fresh air.

**Advice to Doctor:**

Treat symptomatically.

 **PRECAUTIONS FOR USE:**

- ☑ **Exposure standards:** Worksafe Australia Exposure Standard: There is no specific standard. Recommendation: Keep exposure to all materials as low as practicable.
- ☑ **Engineering controls:** Work practices should aim to minimise prolonged skin exposure to the Pointing mixture. Work areas should be cleaned regularly by wet sweeping or vacuuming.
- ☑ **Personal protective equipment:** Engineering controls and work practices should aim to minimise direct contact with the pointing mixture and the use of personal protective equipment is a desirable precaution.
- ☑ **Skin protection:** Loose comfortable clothing should be worn. Direct skin contact should be minimised by long sleeved shirts and long trousers, a cap or hat, and gloves (AS 2161). Gloves should be of neoprene. Work clothes should be washed regularly and separately from other clothes.
- ☑ **Eye protection:** Ventilated non fogging goggles conforming to AS/NZS 1337 should be worn if a risk of eye contact exists.
- ☑ **Respiratory protection:** An approved organic vapour respirator conforming to Australian Standards AS/NZ 1715 and AS/NZS 1716 should be worn when working in a confined environment. Respirators should be correctly fitted, maintained in good condition, and kept in clean storage when not in use. Replaceable filters and cartridges should be replaced regularly in accordance with the manufacturers' guidelines and Australian Standards AS/NZS 1715 and AS/NZS 1716.
- ☑ **Flammability and thermal decomposition:** Naturatex Alfresco is non-flammable. Avoid a build-up of waste material and keep all storage and work areas well ventilated.

 **SAFE HANDLING INFORMATION:**

- ☑ **Storage and Transport:** The mixture should be stored in its factory packaging in a dry area at a temperature of 5° - 30° C. Do not allow to freeze. No special transport requirements are necessary.
- ☑ **Spills and disposal:** The mixture is thick enough to scrape and shovel up into containers for disposal as trade waste in landfill sites approved by the local waste authority.
- ☑ **Fire/explosion hazard:** Not flammable under normal conditions of use. Use water jet or spray CO<sub>2</sub> or dry chemical extinguishers appropriate for the surrounding fire.

- ☑ **Smoking:** SHIELDCOAT recommends that all work and storage areas should be smoking free areas.

☑ **OTHER INFORMATION:**

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NaturaTex  
**Renders & Textures**