
Product Description

SIRAMIGUARD ENERSAVE CLEAR COAT is a single component, ambient curing, inorganic polysiloxane polymeric energy saving clear for multiple substrates in construction applications. High weathering resistance against mould and algae. Hydrophobic polymer network provides durable UV, chemical, weather resistant coating for construction materials. Formulated to provide a clear breathable coating which will stop water and moisture ingress. Chemically bonds to concrete, tile, brick, masonry and ceramic substrates for ultra highly durable performance and longevity.

Intended Applications

Saves Energy on buildings by maintaining dry construction materials
Dampproof protection
Mould and algae protection
Hydrophobic water repellence
Stops moisture ingress of construction based substrates
Ensure insulation materials keep dry and maintain low thermal conductivity

Technical Information

Product chemistry

A single component, ambient curing, polysiloxane

Colour

Clear

Gloss

Matt

Typical film thickness

5 - 10µm DFT per coat

Application methods

Airless, airspray and brush & roller

Volume solids

100%

VOC

Solvent free

Specific gravity

Approx. 1.00 g/ml

Flashpoint (ISO 1523)

N/A

Temperature resistance

-60 to 180°C

Application

Airless

Pump: 30:1 or larger

Tip size: 0.09 - 0.011 inch

Pressure: 1741 - 2321 psi / 120 - 160 bar

Thinning:

Not recommended

Airspray (conventional)

Pressure: 30 - 40 psi / 2.1 - 2.8 bar

Nozzle orifice: 1.8 - 2.2mm

Thinning:

Not recommended

Brush/roller

Thinning:

Not recommended

Mixing

SIRAMIGUARD ENERSAVE CLEAR COAT is a single component product, settling can occur during transport & storage. The material should always be mixed using a mechanical agitation ensuring all settled-out pigments are dispersed until a uniform consistency is reached.

Reactivity

SIRAMIGUARD ENERSAVE CLEAR COAT is reactive with moisture, skinning can occur once opened and atmospherically exposed. To prevent skinning keep covered at all times.

Reducer

Not required

Clean up

Use Thinner X21 for cleaning after product use. Ensuring all material is flushed from application equipment.

Packaging

10 litres, 10.0 kg per can

Additional Information

Safety precautions

This product is for use only by professional applicators in accordance with information in this Technical Data Sheet (TDS) and the applicable Material Safety Data Sheet (MSDS). Refer to the product MSDS before using this material. All usage of this product must be kept in compliance with local, health, safety & environmental conditions & regulations.

Storage & shelf life

Material should be stored in a dry, shaded environment away from heat & ignition sources. Shelf life is minimum 24 months at 23°C.

Important

The information of the product displayed herein is to the best knowledge of Performance Polymers. All testing has been under strict laboratory conditions which Performance Polymers believes to be reliable; therefore, onsite performance can vary with application in different conditions. Additionally, Performance Polymers has no control of external factors e.g. substrate quality of preparation or any other factors which can hinder affect the performance of this product. The information in this TDS is not to be extensive; any use without confirmation from Performance Polymers is doing so at their own risk. Any deviation of performance on site isn't liable to Performance Polymers. The performance of this product carries no warranty. The documentation of this product should be thoroughly read before use.