

PRODUCT DESCRIPTION:

SilicoShield™ 0234 is a silicon based transparent coating available on water base. It provides a durable barrier to water penetration on neutral or alkaline porous vertical or inclined surfaces such as bricks, sandstone, concrete or mortar that requires water repellency.

Unique Features:

- Penetrating water repellent action – fast water beading, excellent resistance to water penetration and absorption
- Low VOC
- Easy-to-use

USES AND ADVANTAGES:

SilicoShield™ 0234 is an effective building protection for concrete, masonry and stone can maximize building life, reduce maintenance and improve aesthetics.

SIMPLE PACKAGE: Material is pre-packaged in a convenient and easy to handle size. It requires only application at site by brush or spray.

EASY TO USE: Brush or spray applied, normally in two coats.

RESISTANT: Good Water repellency and beading effect.

SAFE: Non-toxic when cured.

COST EFFECTIVE: Economical.

TECHNICAL DETAILS:

| PROPERTIES | RESULTS |
|--------------------------|------------------------------|
| Mixed Colour | Milky White |
| Active Content | 30% |
| Specific Density | 1.02 |
| Coverage | 40 to 90 ft ² /Kg |
| Water Thinnable | Yes |
| Drying Time | 2-3 hours |
| Number of Coats Required | Normally two coats |
| Packing | 20 Kg |

APPLICATION DATA:

PREPARATION:

The areas to be treated must be free from all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Smooth surfaces should be

roughened, all loose material and surface laitence removed and steel cleaned to bright metal preferably using wet grit or water blasting techniques or equivalent approved methods.

PLACING:

SilicoShield™0234 can be applied using spray techniques: however, brush applications may be employed although care must be taken to ensure that air is not entrapped onto the surface. Apply the first coat, onto the prepared substrate. To ensure total protection, a second coat should be applied in the same way, after waiting approximately 30 minutes depending on temperature.

CLEANING:

All tools should be cleaned with water immediately after use.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

SAFETY DATA:

-) Irritating to eyes, respiratory systems and skin. Risk of serious damage to eyes. Wear suitable protective clothing, gloves and eye/face protection. Keep out of reach of children.
-) In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
-) After contact with skin, wash immediately with plenty of clean water.

WARRANTY

Multichem warrants **SilicoShield™0234** to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **SilicoShield™0234**.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **SilicoShield™0234**.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.