

K2 EXPEL SWR

COLORLESS SILICONE WATER REPELLENT



Provides water repellent surface with improved self cleaning properties on exterior building - brick work, concrete, cement rendering, natural or cast stone. Helps in reducing efflorescence due to soluble salts in brickwork.

BENEFITS

- Easy and Ready to apply with Brush or spray direct from container.
- Very effective on old or new surfaces.
- Unaffected by salt-laden atmosphere, reduces visible staining. Very ideal and reliable in coastal areas.
- Risk of efflorescence is reduced in brickwork masonry.
- Reduces cracking and crazing in in-situ or precast concrete
- Colorless and retains natural colour and texture of surface material and allows breathing .

STANDARDS

K2 Expel SWR water repellent complies with BS 6744-92 Class A and Class B as silicone - based water repellent.

For application on brickwork, concrete, cement rendering, nature or cast stone of predominantly siliceous nature, it complies with BS6744-92 Class A.

For application on sand stone, lime stone, calcium silicate, brickwork, natural or cast stone of predominantly calcareous nature, complies with BS6744-92 Class B.

DESCRIPTION

K2 Expel SWR water repellent is available as a colorless, ready to use, silicone resin solution which can be sprayed or brush applied onto the surface.

PROPERTIES

Water resistance

K2 Expel SWR Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.

K2 Expel SWR has low Permeability to salt solution, dust and soot particles. Leaching of soluble salts from brick work, which causes efflorescence, absorption of deicing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimised.

Breathability

K2 Expel SWR water repellent allows building surfaces to breathe naturally by releasing water vapour.

APPLICATION INSTRUCTIONS

Preparation

Surfaces should be dry, although slight dampness is not detrimental. Surface to be treated should be free from oil, grease, loose particles, decayed matter and moss or algae growth. Joints in brickwork should be sound. If not should be raked and redone with cements/sand mortar using K2 Lignoproof WLC waterproofing compound.

Coating

K2 Expel SWR water repellent should be applied evenly by spraying or brushing ensuring an even coat over the entire surface. Porous surface should be well saturated with a two coat application.

Decorating

Decorative coatings can be applied to surfaces previously treated with K2 Expel SWR water repellent. Water based cement or emulsion paints should not be applied on coated areas but can be applied before coating the surface with K2 Expel SWR.

Cleaning

Brushes and equipment should be cleaned immediately after use.

Packaging and coverage

K2 Expel SWR water repellent is available in 1, 5, 20 & 200 litre containers. On brick work and smooth cement renderings, 4.5 - 9 sqmt per liter can be covered depending upon porosity of the substrate.

Shelf life

K2 Expel SWR water repellent has a shelf life of 6 months if kept in a dry store in its original packing. High temperature and humidity storage may reduce this period.

Health & Safety instructions

Contact with skin and eyes shall be avoided. Contamination with skin and eyes should be washed with water.

K2 Expel SWR water repellent in liquid state is slightly toxic. Should be kept away from children and animals. Prolonged inhalation of the vapour should be avoided and adequate ventilation be ensured.

Fire

K2 Expel SWR water repellent is inflammable. Liquid vapour should not be exposed to naked flames. Smoking should be prohibited during application.

Flash point

K2 Expel SWR : 38°C

Note : Firmly close containers after use to prevent deterioration of the product or evaporation. Any spillage should be absorbed with sand or saw dust.

TECHNICAL SUPPORT

The company provides a technical service supported by a team of specialist applicators in the industry

Important note :

Jay Chemical Industries Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Jay Chemical Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.



Head Office

Jay House, Panchvati Circle, Ambawadi, Ahmedabad - 380 006. India

Phone: + 91 79 2642 3363 **Fax:** + 91 79 2642 5763

Marketing Office

Site No. 26 & 27, SFHS Area, Tulasi House, Radial Road, Nandini Layout, Bangalore-560096. India

Telefax : +91 80 2319 2605

Email: infok2@jaychemical.com

Website: www.jaychemical.com



AHMEDABAD, BANGALORE, BHUBANESHWAR, CHENNAI, CHANDIGARH, COIMBATORE, DELHI, GOA, GUWAHATI, HYDERABAD, KOCHIN, KOLKATA, MUMBAI, PONDICHERRY, PUNE, SIKKIM, VIJAYAWADA.