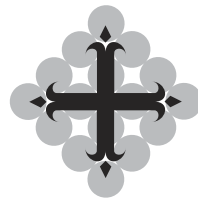


KA Super Plug

Technical Data Sheet



KA BUILDING PRODUCTS
TECHNICAL SUPPORT
+44(0) 1872 879011

- Instantly stops running leaks in blockwork and concrete.
- Can be used on holes, cracks and open joints.
- Expands when applied to create a watertight seal.

Recommended use

To Stop running water and leaks in masonry & blockwork.

Applicable Projects Worldwide

Water Retention: Water Tanks and Towers, Reservoirs, Water Treatment Works, Canals, Dams, Ha
Pipes.

Water Exclusion: Foundations, Basements, Retaining Walls, Lift Shafts, Inspection Pits, Construction Joints, Tunnels, Bridge Decks, Sea Defences Walls, Jetties, Pontoons.

Special Features

Acts with water and free lime present in the substrate to react with the active chemicals in the product quickly forming and developing a continuous barrier of insoluble crystals which penetrate deep into the capillary structure of concrete, blocking capillaries and leaks from the further passage of water, whilst permitting the transmission of air and water vapour, enabling the structure to breathe. Application to surfaces in direct contact with water results in an accelerated rate of crystallisation to the structure. Once the structure is waterproofed, the active chemicals remain dormant until any subsequent contact with water reactivates the sealing process.

Highly Concentrated

Non-toxic or tainting blend of moisture activated chemicals.

Rate and Penetration

Rate and penetration of crystalline development varies with the density and surface absorption of the concrete. Sufficient surface penetration will provide full waterproofing properties after 5 – 7 days.

Advantages

Active ingredients will not delaminate, peel off or wear away. The permanent waterproofing properties become an integral part of the structure, protecting reinforced concrete from water borne corrosive elements.

Packaging 5kg/15kg Buckets

Dilution Instructions

Add 3.75ltrs of clean water, preferably warm to 15kg of Super Plug.

Product Compatibility

No known hazards or incompatibility with other substances.

Service Temperature Range

Avoid extremely hot and cold weather below 5 degrees C.

Decoration

The use of water based non-vinyl emulsion is allowed once surface is hard and dry.



Material Description

Composition Type

Specially prepared quartz, lightning cement and a blend of organic and inorganic chemicals.

Contains

Cementitious based powders containing mineral fillers (silicacious fillers) and small amounts of flow/shrinkage compensating additives.

Appearance Grey Powder.

Smell Cement.

Storage

Product must be protected from dampness or water. Store as for cement. Secure in cool well-ventilated storage in closed containers according to manufacturers recommendations. Check packaging periodically to ensure proper sealing.

Shelf Life 12 Months in good, dry, frost free conditions

Safety Irritant chemical. Always maintain a well – ventilated working environment whilst handling and during mixing and application.

Fire Properties Non – flammable powder

Handling Product is mildly caustic. Will degrease skin causing dryness and possible irritation. Careful handling recommended. Operatives must wear safety glasses and gloves and suitable protective clothing.

Spillage Avoid spillage. Sweep up powder and place in plastic bags for disposal to authorised site.

Minor Spillage Rinse with water.

Disposal Dispose of waste in accordance with Local Authority procedures.



Health and Safety

Warning! Keep out of reach of minors. Always ensure that labelling is readable and follow the manufacturers recommendation.

Emergency Procedure – First Aid

Skin/Eye Contact Dust off spillage on skin and wash well with soap and water. Wash eyes at once with cold clean ` for 10 – 15 minutes. Seek medical advice if irritation persists.

Inhalation Take care when handling to minimise dust. Ensure adequate ventilation. Move to fresh air.

Ingestion In case of accidental ingestion do not induce vomiting. Give water to drink and seek medical attention.

About this information

Whilst every care has been taken to ensure that this product can be used for the purpose for which it is intended. Kenyon Agencies Ltd have no control over the way that the product is used, the workmanship or application of the products. The information given here has been compiled on the basis of available knowledge in accordance with the requirements of the Chemical Hazards Information and Packaging Regulation 1997. This does not imply that the information is complete or accurate in all cases and no guarantee can be given that is complete and accurate. It is the user's responsibility to take adequate measures to satisfy themselves as to the application and suitability of the information and/or recommendations given for their own use. Depending on the nature and condition of the applicable surface, it is recommended that users ascertain suitability of product for own use by carrying out sample tests to surfaces as and when necessary. It is recommended that, in order to comply with the terms and conditions of the twenty five year guarantee, qualified operatives should be employed.