



**TDS 8.13**  
**WARRIOR LATEX KEY**

**DESCRIPTION:**

Warrior Latex Key is a highly concentrated styrene butadiene latex used as an admixture to cementitious mortars to improve adhesion, water resistance and tensile strength.

**USES OF WARRIOR LATEX KEY:**

- Patching and repairing plaster and concrete
- Improves water resistance of plaster and concrete- walls, balconies, basements, flower boxes etc
- As a key coat to improve adhesion of plaster to surfaces
- Improving tensile strength of plaster and concrete
- The flexible latex properties reduce the tendency of plaster and concrete to crack
- Prepares substrate surfaces prior to bonding with tile adhesives or other coatings

**APPLICATION:**

1. For patching and repairs- Mix 1 part of cement with 3 parts of sand. Mix Warrior Latex Key 1:1 with water and use this liquid to achieve desired consistency.
2. As a key coat- Mix 1 part of cement with 1 part sand. Mix Warrior Latex Key 1:1 with water and use this liquid to achieve desired consistency. Apply the slurry by brush onto the substrate. While the slurry is still wet, apply the cement plaster.
3. For water resistant plaster- Mix 2 parts of cement with 1 part of Warrior Latex Key. Apply one coat of this sealing mixture by brush onto the surface. As soon as the first coat is dry (approximately 30 minutes), apply a second coat at right angles to the first coat. Each sealing coat should not exceed 1.6mm. Allow the two sealing coats to dry for 48 hours. After the sealing coats have dried, a tack coat consisting of two parts of cement to one part of Warrior Latex Key should be applied. The cement plaster should then be applied while the tack coat is still wet. The amount of Warrior Latex Key that should be added to the cement plaster depends on the degree of water resistance required. The addition of 14 litres of Warrior Latex Key per 50kg of cement is usually satisfactory. The same procedure can be used when applying screeds on balconies and shower floors.
4. For improved tensile strength and adhesion between 9 and 18 litres of Warrior Latex Key should be added per 50kg cement.
5. It should be noted that the water demand is reduced when using Warrior Latex Key. Water and Warrior Latex Key should always be blended prior to mixing in the aggregate. Plaster and concrete mixes will be slightly darker in colour.
6. It is advisable to conduct a test to determine which process would be the most suitable for your application.

**PROPERTIES:**

CLEANING SOLVENT:	Water
PACK SIZE:	5L and 20 L
RELATIVE DENSITY	1, 00 ± 0, 05 kg per litre
FLASH POINT:	Non flammable

**GENERAL INFORMATION:**

- a) It is important that this product be thoroughly mixed with a flat paddle before use.
- b) This product is not intended to be mixed with cretystone or gypsum products.



#### DISCLAIMER

The recommendations contained herein are given in good faith and are meant as a guide for specifiers and users. They are based on laboratory tests and practical historical experience. No guarantee or warranty is implied by the recommendations contained in the Technical Data Sheet as conditions of use, application method, cleanliness and soundness of the substrate are beyond our control.

N.B. Technology may change with time necessitating changes to the Technical Data Sheet (TDS). It is the specifiers and users responsibility to ascertain that the latest TDS is being used.

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