



CAC-Prime PS

Single part surface conditioning primer for polysulphide joint sealants

Primary applications

CAC-Prime PS should be used on concrete stones, brick work, timber and unglazed edges of ceramic tiles, glass and aluminium plywood and metal joint spaces etc. It is used only on porous surface. Non-porous surfaces it is not normally required except where glass surface is permanently immersed in water.

Features & benefits

- Can be applied on any porous surfaces
- Improves the adhesion of polysulphide joint sealants both pouring grade and gun grade

Description

CAC-Prime PS is a single component modified glycerine based primer with good penetrating properties for concrete surfaces.

Technical support

CAC provides a countrywide technical advisory service supported by a team of specialists in the field.

Technical Properties

Appearance	:	Colourless clear liquid
Specific gravity	:	0.8 - 0.9gm/cc
Pot life	:	30 minutes @ 27°C

Application instructions

Surface preparation

For best results it is recommended to use CAC-Prime PS on concrete which is at least 7 days old, and prepared surface as per standard practice.

New concrete floors

Shall be at least 7 days old before proceeding with primer application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical scabbling or grinding. On smaller areas thorough etching using CAC-Klen may be considered. After etching the floor, it should be thoroughly washed with clean water.

Old concrete floors

Mechanical cleaning methods as described above are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred or existing coatings are present. These may well have been absorbed several millimeters deep into the concrete. To ensure good adhesion all contamination should be removed and the surface thoroughly cleaned of all dust and loose debris. A thorough detergent wash is also recommended followed by thorough cleaning with clean water.

Application

Once opened the primer should be applied immediately in a thin continuous film to the clean prepared surface. Work the primer into the surface using a stiff brush or roller. Excess application and puddling should be avoided. On porous surfaces CAC-Prime PS will be absorbed very quickly leaving characteristic light coloured dry patches. It is recommended that a second priming coat be applied to these dry areas. This not only helps to ensure good adhesion but also prevents air release from the porous substrate which may cause bubbles in the final sealant application later.

For both CAC-FLEXEAL PS pouring grade and gun grade applications, leave the CAC-Prime PS to get dry or tacky free. That is after the evaporation of the solvent but before the primer film has completely reacted.

Cleaning

All tools and equipments should be cleaned with solvent immediately after use. Spillages should be absorbed with sand or sawdust and disposed off in accordance with local regulations.

Limitations

Temperature limitations

Recommended application range is 10 °C - 40°C. Consult CAC where application or service is outside the range of 10°C to 40°C.



CAC-Prime PS

Estimating

Packaging and coverage

CAC-Prime PS is available in 125 ml pack.

Coverage

	Approximate coverage rate
CAC-Prime PS	7.5m ² /pack

The coverage depends on substrate conditions.

Over vacuum de-watered floors joints with power trowels, after surface preparation, coverage of CAC-Prime PS may exceed for the above values.

Storage

CAC-Prime PS has a shelf life of 6 months when stored in unopened containers under normal warehouse conditions.

Precautions

Health & Safety

CAC-Prime PS should not come into contact with skin and eyes or be swallowed. Avoid prolonged inhalation of solvent vapours.

Some people are sensitive to epoxy resins, hardeners and solvents. Gloves, goggles and barrier creams should therefore be used while handling the product. Adequate ventilation should be ensured and if working in enclosed areas, suitable breathing apparatus must be used. If the resin comes in contact with skin, it must be removed before it hardens with a resin removing cream, followed by washing with soap and water - solvent should not be used.

Should accidental eye contamination occur with any of the above products, it should be washed well with plenty of water and medical advice should be sought. If swallowed medical attention should be sought immediately. Vomiting should not be induced.

Disclaimer:

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests and take trials to ensure suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of the other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The Company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.

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