



CSPUA - 1104

Spray Polyurea Waterproofing Coatings.

Description:-

CSPUA is a 1005 solid, fast set, spray-applied, two component aromatic Polyurea elastomer. The system consists of the A Component, a quasi-pre-polymer rich of free NCO, and the B Component, a mixture of polyether amine, amine extenders and other additives. The unique Polyurea chemistry allows this material to be tolerant of moisture and lower temperature during application. This means that high humidity and hidden moisture in concrete has minimal effort on the application of this product.

Advantage:-

- Fast cure, short downtime, but not-sagging.
- Extraordinary physical properties.
- Excellent bond strengths.
- Moisture and temperature insensitivity during processing.
- High thermal stability
- 100 % solids, No VOC's and odorless.
- Outstanding flexibility, high abrasion and impact resistance.
- Superior weatherproofing.
- No chalking and fading in long-term use outdoors.

Where to use:-

- Surface of house, cellar and parking garage waterproof.
- Abrasion-resistance and waterproof stadium.
- Sewage reservoir, storage pool and water happy Park.

Technical Data Sheet

- Dam, embankment, reservoir, canal and water conservancy.
- Metal storage tank, concrete sump.
- High Water Leakage Light Blue.

Drying time is temperature, humidity, and film thickness dependent.

PERFORMANCE CHARACTERISTICS:

- Tensile Strength: 18Mpa
- Tensile Elongation: 350 %
- Tear Strength: 78KN/m
- Durometer Hardness: Shore A-85~90
- Impact Resistance: 1.5 Kg. m
- Adhesion: Foam Damage
- Electric Strength: 26Mv/m
- Salt Spray Corrosion (2000hrs): Blister – None Spalling –None.
- Specific Gravity: 1.00g/cm³

Packaging:

Part A: 220 kilogram Drums
Part B: 210 kilogram Drums

Storage Conditions:

- The A component is affected by moisture and must be protected from moisture contamination. Keep all containers tightly closed during storage. For further storage after opening, containers must be purged with nitrogen gas or dry air and tightly sealed to be from moisture contamination.
- Store drums and pails in a cold, dry and ventilated location between 15°C and 40°C
- Keep away from rain and sun.
- Keep away from fire and heat source.

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Surface Preparation:

Surface must be properly prepared. Remove all oil, dust, grease, dirt, loose and foreign materials to ensure adequate adhesion. Directly spray without any surface preparation.

Cure Time:

- Surface dry (25°C) ≤ 1 minute
- Hard Film (25°C) ≤ 10 minutes
- Recoat Time Minimum unlimited

Maximum ≤ 03 hours

Due to rapid cross-linking, recoating must be done as soon as the first coat is dry. If maximum recoat time is exceeded, abrade surface before recoating. Consult us for recommend recoat procedure.

Thinning:

DO NOT THIN!

Mixingstruc intions:

Thoroughly mix container of B Component with an air-driven power mixer for a minimum of 05 minutes prior to application.

Safety Precautions:

- Consult MSDS sheet before use. Use proper ventilation and respiratory equipment when spraying. Protect skin and eyes. Follow disposal method in accordance with local and federal disposal regulations.
- This product is intended for industrial use by properly trained professional applicators only.
- Published technical data and instructions are subject without notice. Contact us representative for additional technical data and instructions.

Materials & Formulation:

All Raw Materials in imported from Germany, Dubai, China and formulated in Pakistan.

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