



KUT THIOSEAL 2000

Heavy Duty Joint Sealant

JOS - 02 - 0104

DESCRIPTION

KUT THIOSEAL 2000 is a three component joint sealant, consisting of base, hardener and black pigment paste. It is based on high quality liquid polysulphide polymer. The cured sealant exhibits good adhesion to various substrates with use of appropriate primers.

Colour: Black

USES

Sealing joints in airfield runways, parking aprons, bridges etc.

ADVANTAGES

- * Forms a tough elastic rubber like seal.
- * Outstanding resistance to deterioration due to weathering ozone, UV light and attack by chemicals present in industrial atmosphere.
- * High polymer content ensures excellent performance under demanding conditions.
- * Ability to withstand continuous and pronounced cyclic movements.

TYPICAL PROPERTIES

- **Appearance:** Multi component pasty compound.
- **Application Temperature :** 5° to 50° C
- **Solids Content :** min 95%
- **Cure Mechanism :** Chemical cure
- **Movement Accommodation factor:**
25% Butt joints. 50% Lap joints.
- **Pot life :** 1.30 hrs @ 20° -25° C
- **Setting time :** 8 hrs @ 30° C
- **Cure time :** 16 hrs @ 30° C
- **Hardness (Shore A @ 25° C) :** 30-35 @ 7 days
- **Density :** 1.52-1.57
- **Flammability :** Burns but does not readily support combustion.

APPLICATION

Joint design: Suitable for all properly designed joints following accepted engineering practice. Joint depth preferably should not exceed joint width.

Surface preparation: All joints must be thoroughly cleaned. All curing compounds, old caulks, grease, waterproofing compounds, etc. must be removed. Non porous surfaces can be cleaned with **MEK** or toluene. Where appropriate, polyethylene rod or polyurethane foam can be used as a joint filler and backup material. Otherwise use polyethylene or vinyl bond breaking tape.

All surfaces must be primed with appropriate primers from "**KUT**" range. On Neoprene rubber "**KUT POLYSULFIDE PRIME NO. 1**" should be used.

PACKAGING

"**KUT THIOSEAL 2000**" is available in 3 litre cans.

STORAGE

"**KUT THIOSEAL 2000**" in original containers when kept in dry conditions at 5° C- 27° C has a shelf life of 12 months.

HEALTH AND SAFETY

"**KUT THIOSEAL 2000**" : Harmful if swallowed. The curing agent consists of heavy metal based oxide. Wear suitable protective gloves and eye/face protection. In case of contact with skin, wash immediately with soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. Hands must be thoroughly washed with soap and water before eating or smoking. Cured sealant should not be burned off due to generation of toxic fumes. Empty containers should be disposed off in accordance with waste disposal regulations.



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