



CONSOL CRACK SEALER

Low Viscosity, Semi Elastic Epoxy Resin

DESCRIPTION

CONSOL CRACK SEALER is a solvent-free, 2-component low viscosity-liquid, based on high strength epoxy resins. After mixing, it is injected into cavities and cracks in concrete where it cures to a rigid high strength material.

RECOMMENDED FOR

CONSOL CRACK SEALER is used to fill and seal cavities and crack in structural concrete such as columns, beams, foundations, decks, and water-retaining structures.

BENEFITS

CONSOL CRACK SEALER is a deeply penetrative with high adhesive qualities. Other benefits are:

- Solvent - free
- Semi elastic crack sealing
- Low viscosity
- High adhesive strength
- Hard, but not brittle
- No Shrinkage

PRODUCT DATA

Colour

Grey

Packaging

Part A	: 4 kg
Part B	: 2 kg
Part A & B	: 6 kg/set

Storage Conditions

Keep containers in a dry, shaded, cool, and well-ventilated area, away from heat sources and ignition points. Keep containers tightly closed when not in use and handle with care. Protect from direct sunlight and frost.

Shelf Life

12 months from date of production if stored properly in original, unopened and undamaged sealed packing, in dry conditions at temperatures between 18 °C and 30 °C.

TECHNICAL DATA

Density

~1.0 kg/litre

Viscosity (25 °C)

500 - 1500 cP with Brookfield Viscometer, LVT type, spindle 3, rpm 20

Pot Life (25 °C)

~20 minutes

(The potlife begins when the resin and hardener are mixed. It is shorter at high temperatures and longer at low temperatures. The greater the quantity mixed, the shorter potlife).

Compressive Strength

28 Days ~50 N/mm²

Flexural Strength

28 Days ~40 N/mm²

Tensile Strength

28 Days ~20 N/mm²

Bond Strength

28 Days ≥ 2.0 N/mm² (concrete failure)

PRECAUTIONS

Instruction

There are various application methods with different equipment required, depending on the nature of the work to be carried out.

Notes on Application/limits

Maximum width of crack 10 mm & min 0.2 mm

Minimum age of new concrete: 4-6 weeks

Minimum temperature of concrete to be injected: 10 °C



Cleaning

CONSOL CRACK SEALER should be removed from tool and equipment with thinner immediately after use. Hardened and/or cured material can only be removed mechanically.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

PRECAUTIONS

- **CONSOL CRACK SEALER** contains certain chemicals which can cause skin irritation if exposed and respiratory reaction if inhaled.
- Keep away from open light, including welding.
- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

Head Office
Ruko Wadungasri Permai Blok B 8
Jl. Wadungasri 46-48 Waru-Sidoarjo
Telp. 031-8661122 – Fax. 031-99004958

Branch Office
Kawasan Industri Lippo Cikarang II
Delta Silicon 5, Jl. Daru III, Blok G5, No. 53
Cicau, Bekasi, Jawa Barat 17530
Telp. 021-89914905

Factory
Kompleks Industri dan Pergudangan
Golden Blok B16-17
Jl. Industri II Tambak Sawah, Waru-Sidoarjo



**KIMIA
KONSTRUKSI
INDONESIA**