



CL – KOTE 60 / 60S

LIQUID APPLIED POLYURETHANE BITUMINOUS WATERPROOFING SYSTEM

DESCRIPTION

CL-KOTE 60 and **CL-KOTE 60S** is cold applied, single component moisture-cured, bitumen-modified polyurethane waterproof coating system. It is designed to be used for horizontal and vertical waterproofing application. Once cured, it provides seamless, elastomeric membrane that gives superior protection against penetration and lateral movement of water. CL-KOTE 60 is designed for brush and roller application where CL-KOTE 60S is meant for spray application only.

USES

Ideal as inter-layer membrane for waterproofing applications involving two concrete slab construction areas like roof decks, concrete walls, floors, plaza decks, parking decks, subterranean parking, courtyard etc. It is also suitable for waterproofing exterior walls or foundations and basements or other structures that are to be backfilled.

FEATURES

- Excellent waterproofing
- High elasticity
- Superior bonding strength
- Single component that requires no further mixing

CERTIFICATIONS

- TUV SUD PSB Singapore

TECHNICAL INFORMATION

Elongation at Break (ASTM D412:2006)	: > 1000 %
Tensile Strength (ASTM D412:2006)	: > 1.5N/mm ²
Adhesion to Concrete (ASTM D4541:2009)	: ≥ 0.4N/mm ²
Crack Bridging (ASTM C836:2005)	: No crack at 2 mm width
Touch-dry Time @ 25°C	: 6 hours
Through dry Time @ 25°C	: 48 hours

SURFACE PREPARATION

Surfaces to be waterproofed must be sound, clean, dry, free of dirt, dust, grease, oil, wax, curing compounds and other contaminants. For cracks, voids, chipped edges, uneven surfaces and holes, repair with CL-Rapid Repair. Fresh concrete must be cured for at least 14 days prior to application.

For highly absorbent surfaces that may give rise of blistering, prime the surfaces with CL-Kote 60 or 60S diluted with 20% xylene. Apply at the rate of 0.15 – 0.2 kg per sq meter depending on substrate porosity. Allow it to touch dry prior to further application.

APPLICATION

Apply CL-Kote 60 by roller, brush, squeegee or trowel or CL-Kote 60S by spray without dilution directly to the surface at the rate of 1.30 – 1.50 kg per sq. meter. Nominal thickness to achieve is approximately 1.5mm. Allow it to air dry for about 48 hours depending on substrate porosity and weather condition. Water or flood test should only be carried out after the membrane has been cured for a minimum of 48 hours.

PROTECTION

After the waterproofing application, the CL-Kote 60 or 60S membrane should be adequately protected against mechanical or chemical damages pending the overlay or back filling installation. When conducting water or flood test, thoroughly drain out the water prior to further application.

PRECAUTION MEASURES

- It is necessary to apply a thin layer of cement based slurry screed on top of CL-Kote 60/60S prior to the subsequent plastering and tile installation works.
- Do not apply on wet or damp substrates.
- Do not use as an exposed or wearing surface.
- Do not apply when temperature falls under 5°C.
- Do not store at temperature above 40°C and below 5°C.
- Use with adequate ventilation.
- Avoid smoking and open flames during applications.
- Avoid contact with skin for extended periods of time.

COLOUR

Black.

TOOLS CLEANING

Tools or equipment must be cleaned with xylene or toluene or kerosene immediately after use.

SHELF LIFE


2 years in an unopened container, stored in cool and dry place.

PACKING

Available in 20 kg pail.

022116

Disclaimer: Specification are subject to change without notification.

 CLP since 1947 HQ/SINGAPORE : CLP INTERNATIONAL PTE LTD CHIN LEONG CONSTRUCTION SYSTEMS PTE LTD TEL : +65-6265 2788 FAX : +65-6265 1240 Email : chinleong@clp.com.sg		MALAYSIA: CLP CONSTRUCTION SYSTEMS SDN BHD SELANGOR TEL : +60-3-3176 5099 FAX : +60-3-3176 2797 Email : clp@clp.com.my		MALACCA TEL : +60-6-263 1677 FAX : +60-6-263 1215		JOHOR TEL : +60-7-252 6385 FAX : +60-7-252 5391		KEDAH TEL : +60-4-489 3066 FAX : +60-4-489 1877		PERAK TEL : +60-5-292 6986 / 6976 FAX : +60-5-292 6936		INDONESIA : PT RANGALO CLP TEL : +62-21-581 3951 FAX : +62-21-581 3950 Email : rangalo@clpn.net.id		PT-CLP INDONESIA TEL : +62-21-2831 5121 FAX : +62-21-2831 5133 / 28 Email : info@clpindo.com	
THAILAND: CLPI (THAILAND) CO LTD TEL : +66-2769 5633 FAX : +66-2769 5612 Email : clpi@ksc.th.com		VIETNAM : CLPI VIETNAM CO LTD TEL : +84-8-3526 1033 FAX : +84-8-3526 1032 Email : sales@clp.com.vn		TAIWAN : SIHTACO CO LTD TEL : +886-2-2791 8539 FAX : +886-2-8192 6248 Email : Alice.Lee@sihtaco.com.tw Michael.Ku@sihtaco.com.tw		HONG KONG : CHIN LEONG INTERNATIONAL CO LTD LAMERTON ASIA HOLDING LTD TEL : +852-2542 2206 FAX : +852-2544 9563 Email : chinleong@chinleong.com.hk		CHINA: LAMERTON CHEMICAL (SHANGHAI) CO LTD SHANGHAI TEL : +86-21-5830 7559 FAX : +86-21-6840 7408		ZHONG SHAN SOUTH ASIA CHEMICAL LTD ZHONG SHAN TEL : +86-760-8554 4111 FAX : +86-760-8554 4113					