



REMR MATERIAL DATA SHEET CM-SE-1.39

CONCRETE SEALER: SUPER-KOTE

1. NAME

Super-Kote

Softening of film 140 °C

Active solids content 25-36%

Viscosity range 20-170 cps

2. MANUFACTURER

VEN-CHEM Co. Inc.
PO Box 3186
Santa Barbara, CA 93130
Telephone: 805-967-7600

Weatherometer tests Passes up to
1,500 hr

3. DESCRIPTION

Super-Kote consists of modified urethanes in a petroleum-based solvent system.

Warranty: Super-Kote is to be used for water-proofing vertical surfaces only. VEN-CHEM warrants that when Super-Kote clear sealers are applied to a properly prepared vertical substrate in sufficient quantity that the surface will remain water resistant for a period of five years. This warranty is for material only. If there is failure in any area, the manufacturer will supply sufficient material to re-seal the weakened area. Exceptions: settling; shrinkage; expansion; structural defects; vandalism; acts of God.

4. USES

Super-Kote is a penetrating sealer for making surfaces water resistant. It will not oxidize, is resistant to ultraviolet light and wind-driven rain, is impervious to fresh and salt water, smog, and air pollutants. It is 70 percent as hard as glass and nonflammable and will withstand water pressure and freeze-thaw extremes. It has excellent resistance to acids and alkali, solvents, and the formation of efflorescence.

6. MANUFACTURER'S GUIDANCE FOR APPLICATION

Surface preparation: Follow the usual preparation of the substrate and mortar prior to the application of a clear sealer. The surface must be dry, with a minimum of five days drying out subsequent to a rain. The surface before application must have a moisture content no greater than 7 percent.

5. MANUFACTURER'S TECHNICAL DATA

Properties:

Elongation 21%

Moisture vapor transmission rate 20%

Application: Super-Kote can be applied by spray, brush, or roller. Do not use a Hudson sprayer.

Minimal time between coats: Six hours; preferably overnight.

7. CORPS OF ENGINEERS' EVALUATION
(tested as concrete sealers only)

Physical and mechanical properties:

Percent solid
(ASTM D 1644, Method A): 6.6%

Percent moisture absorption
(ambient temp) (ASTM C 642-82):

1 day	2.96%
2 days	4.27%
4 days	-
7 days	4.76%

Ratio of percent moisture absorption
for treated to nontreated specimen
(2-day submersion): 90.9%

8. AVAILABILITY

Super-Kote is available in 5- and 55-
gal drums.

9. TECHNICAL ASSISTANCE

For technical assistance, please con-
tact the home office or a sales
representative.

10. ENVIRONMENTAL CONSIDERATIONS

Reasonable caution should guide the
preparation, repair, and cleanup
phases of activities involving poten-
tially hazardous and toxic chemical
substances. Manufacturer's recommen-
dations to protect occupational health
and environmental quality should be
carefully followed. Material safety
data sheets must be obtained from the
manufacturers of such materials. In
cases where the effects of a chemical
substance on occupational health or
environmental quality are unknown,
chemical substances should be treated
as potentially hazardous toxic
materials.