



CHEMORSEAL P

POLYURETHANE SEALER
MOISTUREPROOFING/DUSTPROOFING

chloride ions.

DESCRIPTION

CHEMORSEAL P is a transparent or colored penetrating polyurethane sealer. The product cures by reacting with atmospheric humidity at ambient temperatures.

The product seals hardened concrete protecting it against penetration of water and chloride ions. It equally is an effective durable dustproofing treatment for concrete floors.

TYPE I : Clear on-component.

TYPE II: Colored two-component.

ADVANTAGES

NOTE: Drying time can be shortened by about 50% (see "Characteristics").

Deep penetration due to its low viscosity.

Fills the pores of concrete and thus enhances resistance to abrasion from vehicular traffic.

High resistance to deicing salts, gasoline, motor oil and chemical products.

Economical. Easy to apply.

USES

Concrete new or old: interior.

For sealing of hardened concrete to protect against damage caused by freeze-thaw, erosion, corrosion and delamination due to

On all concrete surfaces that are periodically exposed to water and water containing dissolved chemicals, eg., deicing salts.

Protects all types of concrete: poured in place, prefabricated prestressed, concrete block.

Typical applications include industrial floors, warehouses, workshops, garages, bridges decks, sidewalks.

LIMITATIONS

Do not apply on concrete if its humidity exceeds 15% nor on concrete that has cured for less than 28 days.

Ambient temperature and that of the concrete should be at least 10°C.

Could be incompatible with some sealants and caulking. A test for suitability should be performed.

This product reacts with atmospheric humidity, keep the containers tightly closed when not in use.

Some yellowing can occur when coated surfaces are exposed to U.V. (sunlight).



CHARACTERISTICS

Presentation: liquid product.

Color :colored two-component
transparent one component.

Viscosity : 110 ± 10 mPa's @
21°C.

Solids content :
42-45% (by weight)
depending on color.

Flash point: 28 °C.

Average coverage for 2
applications: 6-7m²/L/coat.

Dry film thickness:
approx.62 microns (2.5mils)/coat.

Drying time @ 21°C./50% R.H.
(hours):

	<u>as is</u>	<u>accelerated</u>
. to touch :	4	2
. to recoat:	4-6	2-3
. for vehicular traffic :	16-24	8-12

Cleaning solvent:
Chemor Solvent SV-22.

Storage : minimum of one year in
original unopened container,when
stored at 3-26°C.

SURFACE PREPARATION

The concrete must be sound,dry
and have cured for at least 28
days. It must be free from oil,
grease, laitenance, curing
membranes, paint,sealers,rubber

tire marks, dust and all other
contaminants to allow ensure a
good penetration.

For thorough cleaning use
chemical or mechanical means.

DIRECTIONS FOR USE

NOTE: To shorten drying time,add
before use, ACCELERATOR "P" at
ratio of 500 mL per 18.92 L pail
and mix well.

Low pile roller, rubber squeegee,
low pressure spray.

Adjacent non-treated surfaces
should be protected from splashes
and overspray.

For the first application di-
lute the product with solvent
SV-22 according to the pori-
sity of concrete.

Do not puddle. Be guided by the
absorption of the concrete.

For the second application wait
until the first coat has cured,
but do not exceed 24 hours.

Clean all tools and equipment
with Chemor solvent SV-22 before
the product hardens.

SAFETY

Flammable liquid. Keep away from
excessive heat, open flames,
sparks.

Do not inhale vapors. Use with
adequate ventilation.

See Material Safety Data Sheet.