



STARFIX CRP-18

(Carpet Bonding Adhesive – Solvent Based)

DESCRIPTION

STARFIX CRP-18 is a single component contact adhesive based on poly-chloroprene rubber. **CRP-18** is modified with special resin and appropriate tackifier. **CRP-18** is having excellent wet tack, bond strength, water and weather resistance.

APPLICATION

Floor must be clean, dry, free from dust, oil and any other loose particles. **CRP-18** must be stirred well before applying. Apply **CRP-18** with scraper or brush to both surfaces and allow the adhesive to become touch dry. This will take approximately 10 to 25 minutes depending upon atmospheric condition. Carpet must be lay with in time after application, if the surface is not joined with in time, they can be reactivated by applying a further thin coat of **CRP-18**. Fix the carpet by unrolling gradually and press firmly by hand or any suitable tools.

Make adjustment whilst adhesive is wet. Rub coverings well against the surface with medium roller to even out and ensure uniform bonding. Any excess adhesive from the sides can be wiped off with a damp cloth. If carpet tiles are used, do not use roller before setting, to prevent carpet tiles from slipping.

The open time and the setting time of **CRP-18** will vary according to the air temperature prevailing humidity. Normally sufficient bond strength for light traffic is achieved within 45 minutes; full strength will be achieved within 2-3 hours.

COVERAGE

Approx 4-5 m² per kg, depending on absorbency and roughness of substrate.

CONFORMS TO

DIN 53277 (Shear Strength) and DIN 53278 (Peel Strength)

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>25⁰C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

CLEANING

Clean all the tools with aromatic solvent.

PACKING

CRP-18 is available in 1 US gallon, 700 ml. can, 15 ltr. metal pail.



HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

TECHNICAL DATA

Base Material	Chloroprene rubber
Appearance	Yellow
Density g / cc	0.82 ± 0.10
Viscosity (Brookfield)	5000 to 15000 cps
Tensile Strength	Greater than 5 kg/ cm ²
Open time	10 – 30 minutes depending on the substrates, application & ambient temperature.
Curing Time	Less than 1 hour. Full strength within 3 hours.
Wet tack	high
Mechanical & aging stability	Excellent
Thermal stability of dry	Up to 100°C

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.

Star Adhesive & Resin Ind. Factory