

CrownFlex 7260

Product Description Sheet No. 7260

Two-Component, Solvent Free Elastomeric Base Membrane

Description

CrownFlex 7260 is a two component, fast setting, fast curing, solvent free, flexible, high performance, and high solids polyurethane elastomeric coating that can be applied to suitably prepared interior or exterior concrete, plywood and metal surfaces. Due to its fast gel time, CrownFlex 7260 is suitable for applications in temperatures as low as 20°F (-6°C). It may be applied in a single or multiple applications. CrownFlex 7260 is also relatively insensitive to moisture and temperature allowing applications in varied temperatures and humidity.

Advantages

- Non-Gassing
- Can Be Applied At Any Thickness
- Good Thermal Stability
- Good Chemical Resistance
- Meets USDA Criteria
- Excellent Low Temperature Flexibility
- Interior and Exterior Applications
- Recoatable
- Seamless

Typical Uses

- Concrete
- Pedestrian Traffic
- Power Generating Plants
- Food Processing Facilities
- Steel Structures & Bridges
- Manufacturing Plants
- Warehouse Floors
- Storage Tanks
- Petrochemical Plants
- Aircraft Hangers

Colors

Grey. Tan color is available with minimum order of 250 gallons (945 liters).

Custom colors are also available. Minimum order of 250 gallons (945 liters). See color chart for special provisions. Contact Crown Polymers Products for more information.

Packaging

5 gallon kit: One 5 gallon pail, net fill 4 gallons (15.12 liters) of Part-A and One 1 gallon (3.78 liters) can of Part-B.

1 gallon kit: One 1 gallon can, net fill 0.8 gallons (3 liters) of Part-A and One quart can, net fill 0.2 gallons (0.78 liters) of Part-B.

Coverage:

CrownFlex 7260 may be applied at any rate to achieve desired thickness.

Surface Preparation:

Refer to general guidelines for complete information.

Mixing:

NOTE: CrownFlex 7260 may not be diluted under any circumstances. Proportions are premeasured.

Using a mechanical mixer, first pre-mix separately Part-A and Part-B base material thoroughly to obtain a uniform color, making sure to scrape the solids from the bottom and sides of the pail.

Pour Part-B into Part-A slowly and while mixing, scrape the sides of the container. Mix for 1-2 minutes. Box the materials. Mix the combined Part-A and Part-B mixture thoroughly until uniform color is obtained.

Do not mix in an up and down motion.

Technical Data (Based on draw down film)

Mix Ratio by Volume	4A : 1B
Coverage Rate	1 gal/100 sq. ft.
Dry Film Thickness per Coat	15 ± 2 mils 381 ± 50 microns
Hardness, ASTM D-2240	64 ± 2 Shore A
Tear Resistance, Die C, ASTM D-624	230 ± 25 pli 40.3 ± 4.4 kN/m
Split Tear, ASTM D-470	60 ± 5 pli 10.5 ± 0.9 kN/m
Tensile Strength, ASTM D-412	1500 ± 100 psi 10.3 ± 0.7 MPa
Ultimate Elongation, ASTM D-412	1000 ± 100%
Total Solids by Weight, ASTM D-2369	94%
Total Solids by Volume, ASTM D-2697	95%
Viscosity at 75°F (24°C)	
Side-A	2500 ± 500 cps
Side-B	100 ± 50 cps
Volatile Organic Compounds* ASTM D-2369-81	< 0.01 lb/gal < 10 gm/liter
* Contains some high boiling colorless plasticizers	

Application:

CrownFlex 7260 should be applied at a temperature of 20°F (-6°C) and above.

For best results, use a squeegee or notched trowel. A phenolic resin core roller may be used but extra care should be taken not to trap air which may result in bubbles.

Requires a continuous coating application to minimize lines and/or streaking.

It is recommended to apply an aggregate of washed, dry, rounded sand, approximately 16 or 20 mesh (0.0331-0.0469 in.; 0.84-1.19 mm), 6.5+ Moh's minimum hardness at a rate of 20 lbs/100 sq. ft. or as required to achieve a slip-resistant finish, into the wet second coat, covering it completely.

An aggregate of 14-30 rubber granules may be broadcast into the membrane at a rate of 10 lbs. per 100 sq. ft. or to refusal. The amount of rubber used will vary.

Curing:

At 75°F (24°C) and 50% relative humidity, allow each coat to cure for 2-4 hours before proceeding subsequent coats. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, re-prime the surface with CrownPrime U before proceeding.

Equipment Cleanup:

Equipment should be cleaned with an environmentally safe, polyurethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

Storage:

CrownFlex 7260 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

Limitations:

The following conditions must not be coated with Crown Polymers **deck coatings or systems**: split slabs, buried membrane, sandwich slabs with insulation, slabs over unvented metal pan, magnesite, and lightweight concrete. On grade slabs may receive Crown Polymers system coatings provided a moisture-vapor transmission test is first performed. Please contact Crown Polymers technical department with the results.

With regard to coating asphalt surfaces, please contact Crown Polymers technical department.

Surfaces must be dry, clean and free of foreign matter. Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications. Surface may be slippery when wet. Containers that have been opened must be used as soon as possible. Do not dilute under any circumstance.

Warning:

This product contains Isocyanates and Curative Material.

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINERS TIGHTLY CLOSED

LIMITED WARRANTY "Crown Polymers Corp. warrants its products to be free of manufacturing defects, to be of good quality, and that they will meet Crown Polymers current published physical properties when applied in accordance with Crown Polymers written directions and tested in accordance with ACI, ASTM and Crown Polymers Standards. Product proved to be defective will be replaced. **There are no other warranties by Crown Polymers Corp. of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product.** Crown Polymers Corp. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. Crown Polymers will not be responsible for use of this product in a manner to infringe on any patent held by others."