



710
IM-KOTE™ PRIMER
By Imco ®

DESCRIPTION

710 IM-KOTE™ PRIMER is used as the prime coat for all of the IM-KOTE™ coating systems. It can also be used as an inexpensive, hard, chemical resistant seal coat for new or old concrete floors and more.

MAJOR ADVANTAGES

- 100% solids
- Exceptional chemical & abrasion resistance
- Completely seals the pores of new or old concrete
- Rapid cure
- Low temperature applications
- Agriculture Canada approved for incidental food contact

TECHNICAL & PRODUCT DATA

Cure time—Initial set & recoat	30 to 45 minutes	No. of Components	Two, Base resin & catalyst
- Light Traffic	2 to 4 hours	Packaging	4L/20Lpails/1 gal./5 gal. Pail
- Full Service	4 to 8 hours	Coverage	10m ² (100 sq. ft/L) @ 3 mil DFT
Net Weight	1 kg/L(8.3 lbs/gal)	Primer	Non-required
Flash Point	32°C/90°F	Thinner	NEVER add thinners 100% solids material
Solids by Volume	100%	Clean-up	780 Thinner or 785 to clean equipment
Application Temperature		Pot Life	Less than 15 minutes if both components are mixed Remove from pot and rough spread immediately.
- Normal formulation	10 to 30°C/50 to 86°F	Colours	Clear
- Cooler formulation	-10 to 10°C/14 to 50°F	Finish	Semi-gloss
-Freezer formulation	-30 to-10°C/-22 to 14°F	Shelf Life	6 months at 5 to 24°C/41 to 75°F inside storage out of sun away from direct heat.
Hardness—Shore D	87	Resistance to Chloride penetration	Excellent
Abrasion resistance—Weight Loss			
- with C-10 wheels	No Loss		
- with H-22 ceramic wheels	.05 gm		
Weatherometer 500 hours	No change		
Water Absorption	0.74%		

All testing to ASTM Standards by Independent Laboratories

CHEMICAL RESISTANCE- Partial list. Chemical Resistivity varies depending upon temperature and concentration, please consult manufacturer for specific applications.

Acetic Acid	50%	Formaldehyde	44%	Sodium Chloride	All
Ammonium Hydroxide	10%	Fuel Oil, all	100%	Sodium Hydroxide	5%
Alcohol, all	100%	Gasoline, all	100%	Stannic Chloride	All
Benzoic Acid	All	Hydraulic Fluid	100%	Stannous Chloride	All
Brine, salt	All	Hydrochloric Acid	37%	Sulphur Dioxide Gas	All
Calcium Hydroxide	Sat'd	Hydrofluoric Acid	20%	Sulphuric Acid	50%
Calcium hypochlorite	Sat'd	Jet Fuel, all	100%	Tannic Acid	All
Chlorine Gas	All	Kerosene	100%	Toluene	100%
Chlorine Water	Sat'd	Lactic Acid	100%	Urea	50%
Chromic Acid	10%	Naphthalene	100%	Urea/Nitrate Fertilizer	All
Citric Acid	All	Nitric Acid	10%	Veg. & Animal Fats	100%
Crude Sweet & Sour	100%	Oleic Acid	All	Water, tap & distilled	100%
C18 Fatty Acids	100%	Phosphoric Acid	85%	Wine	100%
Diesel Fuel	100%	Potassium Hydroxide	10%	Xylene	100%
Ethylene Glycol	100%	Road Salts	All		

FOR ADDED CHEMICAL RESISTANCE THIS PRODUCT MAY BE OVERCOATED WITH
735 IM-KOTE™ FINISH COAT

APPLICATION INSTRUCTIONS

Correct surface preparation is of the utmost importance. All concrete surfaces must be dry, clean and free from dust, oil, grease or any other contaminants. Apply **710 IM-KOTE™ PRIMER** at the rate of 100 SQFT/L dependent on the profile.

New Concrete - Must be fully cured and free of laitance, form release agents, surface hardeners and any other foreign materials. Surface must be cleaned to achieve a profile similar to medium grade sandpaper by one of the following methods: Very light scarification or sandblasting followed by vacuum, acid etch and neutralize (use BDE-1002™ by Specialty Products Group® as per the manufacturer's instructions followed by a thorough flushing with clean water), litmus testing of the surface should show neutral.

Old Concrete -All existing coatings must be removed and then the surface prepared as above. All damaged concrete must be removed.

SPECIAL HANDLING -The isophthalic resins used in these products have a flash point of 32°C/90°F. Keep material away from sparks, fire and heat. Keep containers closed. Extinguish fires with CO₂. Store away from heat and out of direct sunlight. Keep work area well ventilated. Use an "Organic Vapor" type respirator when working with material.

SAFETY

Please refer to SDS at www.imcotechnologies.com.

RELATED PRODUCTS

724-Polymer concrete floor overlay.

727-Polymer concrete designed for vertical trowelling, tank lining etc.

730/735-Brush or roll applied protective coatings for concrete and steel

740-Chemical resistant, non-shrinking grouts

WARRANTY DISCLAIMER

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.