



**DESCRIPTION**

**735 IM-KOTE FINISH** is a Heavy Duty protective coating for concrete and steel. The polymer resins used in this formulation cure with such profound crosslinking density that an extremely tough, dense and exceptionally chemical resistant surface is developed that offers unparalleled protection to the substrate.

**BASIC USES**

The high performance characteristics that the **735 IM-KOTE FINISH** coating offers, make it an invaluable protective coating in areas of aggressive chemical exposure. **735 IM-KOTE FINISH** is a highly resistant seal coat over seamless flooring systems. This product is also used as a seal-coat to impart greater chemical resistance to the 724 IM-KOTE Heavy Duty Overlay system.

**MAJOR ADVANTAGES**

- Very rapid cure - return to service in 2 to 4 hours.
- Resistance to most commercially used chemicals.
- Can be applied at sub-zero substrate temperatures.
- 100% solids.
- Agriculture Canada approved for incidental food contact

**TECHNICAL AND PRODUCT DATA**

<ul style="list-style-type: none"> <li>• Cure-time-Initial set &amp; recoat               <ul style="list-style-type: none"> <li>- Light Traffic</li> <li>- Full Service</li> </ul> </li> <li>• Viscosity at 25°C(77°F)</li> <li>• Net Weight</li> <li>• Flash Point</li> <li>• Solids by Volume</li> <li>• Application Temperature</li> <li>•               <ul style="list-style-type: none"> <li>-Normal Formulation</li> <li>-Cooler Formulation</li> <li>-Freezer Formulation</li> </ul> </li> <li>• Hardness Shore D</li> <li>• Abrasion resistance weight loss               <ul style="list-style-type: none"> <li>-with C-10 wheel</li> <li>-with H-22 ceramic wheels</li> </ul> </li> <li>• Weatherometer 500 hrs.</li> <li>• Water absorption-72 hours immersion</li> <li>• Resistance to Chloride penetration</li> </ul>	30 to 45 minutes 2 to 4 hours 4 to 8 hours 300-600 cps 1 kg/L (8.3 lbs./gal) 32°C/90°F 100% -30° to 30°C (-22° to 86°F) 10 to 30°C(50 to 86°F) -10to 10°C(14 to 50°F) -30 to -10°C(-22 to 14°F) 87 No loss 0.5g(.02 oz) No change 0.74% Excellent	Number of Components Packaging Coverage Primer Thinner Clean-up Pot Life Colours Finish Shelf Life	Two, (Base resin & catalyst) 4L/20L pails (1gal/5gal pail) 100 sq. ft/L @ mil DFT IM-KOTE 710 PRIMER NEVER add Thinners 100% solids material 780 Thinner or 785 Cleaner Less than 15 minutes if both components are mixed. Remove from pot and rough spread immediately or use two component spray equipment. Clear, grey, terra cotta, yellow & black. Additional colours available on special order. Semi-gloss or slip resistant 6 months at 5 to 24°C/41°F to 75°F. Inside storage out of sun and away from direct heat.
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All testing at ASTM Standards by Independent Laboratories

**IM-KOTE FINISH**

By Imco®

**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		

**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. Using brush, roller or two component spray, prime all surfaces with 710 IM-KOTE PRIMER at the rate of 75 to 100 SQFT/L. Actual coverage will depend on surface porosity and profile. When spraying the 735 IM-KOTE FINISH product, paint pot must be under constant agitation. These products must be mixed and applied in strict accordance with manufacturer's instruction.

**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 (10% muriatic acid, rinse with 1% ammonia or alkaline detergent followed by 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. All spalling must be repaired using 724 or 737 IM-KOTE.

**Steel**-Remove all dirt, rust, scale, old coatings etc. by sandblasting to at least SSPC-SP6 Commercial Blast. SSPC-SP10 near white metal blast is required for immersion service.

**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 container closed. Extinguish fires with CO<sup>2</sup>. Store away from heat and out of direct sunlight. Keep work area ventilated. Use an "Organic Vapour" type respirator when working with material.

**SAFETY**

Please refer to MSDS at [www.imcotechnologies.com](http://www.imcotechnologies.com)

**RELATED PRODUCTS**

710-Primer for all series 700 products

724-Polymer concrete floor overlay.

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

730--Brush, roller or spray 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

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