

730

JETSET SEALCOAT

DESCRIPTION - IMCO 730 JETSET SEALCOAT 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 IMCO 730 JETSET SEALCOAT coating offers, make it an invaluable protective coating in areas of aggressive chemical exposure. IMCO 730 JETSET SEALCOAT 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 JETSET 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

• Cure time -Initial set & recoat	30 to 45 min	Number of components	Two, (Base resin & catalyst)
-Light traffic	2 to 4 hrs		
-Full service	4 to 8 hrs	Packaging	4L / 20L pails(1gal/5gal pail)
• Viscosity at 25°C(77°F)	300 - 650 cps	Coverage	100 sq.ft./L @ 4 mil DFT
• Net weight	1 kg/L(8.3lbs./gal)	Primer	JETSET 710 PRIMER
• Flash Point	31°C/88°F	Thinner	NEVER add thinners.
• Solids by volume	100%		100% solids material
• Application temperature	-30 to 30°C (-22 to 86°F)	Clean-up	780 Solvent or 785 Cleaner
-Normal formulation	10 to 30°C(50 to 86°F)	Pot life	Less than 15 mins if both Components are mixed. Remove From pot and rough spread Immediately or use two component spray equipment.
- Cooler formulation	-10 to 10°C(14 to 50°F)		
- Freezer formulation	-30 to -10°C(-22 to 14°F)		
• Hardness Shore D	87		
• Abrasion resistance weight loss			
- with C-10 wheel	No loss		
- with H-22 ceramic wheels	0.5g(.02 oz.)	Colours	Clear, grey, terra cotta, yellow & black. Additional colours available on special order
• Weatherometer 500 hrs	No change	Finish	Semi-gloss or slip resistant
• Water absorption- 72 hrs immersion	0.74%		
• Resistance to Chloride penetration	Excellent	Shelf life	6 months at 5 to 24°C/ 41°F to 75°F inside storage out of sun and away from direct heat

All testing to ASTM Standards by Independent Laboratories

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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	etc. etc.	

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 JETSET PRIMER at the rate of 75 to 100 sq.ft./L. Actual coverage will depend on surface porosity and profile. When spray applying the 730 JETSET product, paint pot must be kept under constant agitation. These products must be mixed and applied in strict accordance with manufacturer's instructions.

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 727 JETSET.

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 31°C(88°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 Vapour" type respirator when working with material.

SAFETY -Please refer to Material Safety Data Sheets.

RELATED PRODUCTS

710 - Primer for Jetset systems.

724 - Polymer concrete floor overlay.

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

735 - Brush, roller or spray applied protective coating for concrete and steel.

740 - Chemical resistant, non-shrinking grout.

Manufactured by: IMCO TECHNOLOGIES INC., 350 Wentworth Street North, Hamilton, ON L8L 3V7 Tel (905)546-5225

WARRANTY DISCLAIMER:

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