724
JETSET FLOOR

DESCRIPTION

IMCO 724 JETSET FLOOR is a profoundly crosslinked thermosetting polymer concrete system that forms a dense hard impermeable surface upon curing that is resistant to a very wide range of aggressive chemicals.

BASIC USES

- as a 3/16" thick seamless floor topping for areas exposed to aggressive chemicals or areas subjected to high frequency traffic and concentrated loadings
- to repair or replace acid brick or ceramic tile
- to patch worn or spalled concrete
- to repair cracks
- to fill shallow potholes

MAJOR ADVANTAGES

- exceptional physical and chemical resistance characteristics
- resistance to most commercially used chemicals
- one hour cure time at surface temperatures as low as - 30ºC(-22ºF)
- complete ultra-violet stability
- Approved by Agriculture Canada for incidental food contact.

TECHNICAL AND PRODUCT DATA

Resin Matrix	
• Compressive strength	23,000 psi (159 MPa)
• Tensile strength	11,000 psi (76 MPa)
• Flexural strength	17,000 psi (117 MPa)
• Barcol hardness	45 - 50
• Flash point	31°C/88ºF
• Viscosity at 25°C	300 - 650 cps
• Specific gravity	1.1 - 1.2
• Net weight	1 kg/L
• Solids by volume	100%
• Abrasion resistance - weight loss	0.9 gm
• Weatherometer-500hrs	no change
• Water absorption - 72 hrs immersion	0.74%
Mixed Product	
• Freeze/Thaw 100 cycles	no change
• Working time	20 mins
• Cure time:	
- Initial set	30 mins
- Full service	2 hrs.
• Shrinkage on cure	zero %
• Application temperature	-30° to 30°C/ -22° to 86°F
• Compressive strength	10,000 psi (69 MPa)
• Flexural strength	4,000 psi (28 MPa)

No. of Components	Three: (Base resin, catalyst and Aggregate blend)
Packaging	Prepackaged in proportioned batches to eliminate job site errors. 4L pail(1 gal) Part A complete with preproportioned unit of Part B and a pre weighed bag of Aggregate. 20L pail(5 gal) Part A complete with 5 preportioned units of Part B & 5 pre weighed bags of Aggregate
Abrasion resistance	C10 no weight loss
Impact resistance 5mm	120 in.lbs
Coverage	One 4L(1 gal) batch covers 22.5 sq.ft. at a nominal 3/16" thickness.
Colours	Natural, grey, & terra cotta. Additional colours and colour matches available on special order
Finish	Slip resistant, monolithic.
Shelf life	6 months at 5 to 24°C/ 41 to 75°F Inside storage, out of sun and away from direct heat.
Application-temperature	
Normal formulation	10 to 30°C/ 5 to 86°F
Low temp formulation	-10 to 9°C/ 14 to 48°F
Freezer formulation	-30 to -11°C/ -22 to 12°F

All testing to ASTM Standards by Independent Laboratories.

724
JETSET FLOOR

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.	

FOR ADDED CHEMICAL RESISTANCE THIS PRODUCT MAY BE OVERCOATED WITH
735 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. All surfaces must be primed with 710 JETSET primer at the rate of 75 to 100 SQFT/L dependent on the profile. Mix all three components of 724 JETSET FLOOR in strict accordance with manufacture's instructions, transfer to primed area and rough spread. Trowelling is accomplished with strong, even strokes, compressing material well and squeezing it onto the primed surface to eliminate air voids.
Specify application temperature range when ordering.

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.

SPECIAL HANDLING -The isophthalic resins used in these products have a flash point of 31ºC/88°F. Keep material away from sparks, fire and heat. Keep containers closed. Extinguish fires with CO_2. 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 all series 700 products.
727 - Polymer concrete designed for vertical trowelling, tank lining etc.
730/735 - Brush, roller or spray applied protective coatings for concrete and steel.
740 - Chemical resistant, non-shrinking grout

Manufactured by: IMCO TECHNOLOGIES INC., 350 Wentworth Street North, Hamilton, ON L8L 5W3 Tel: 905-546-5225