TECHNICAL DATA SHEET

ARMSPGX
ONE PART POLYUREA COATING

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PRODUCT DESCRIPTION

SPGX is a clear/pigmented (with optional pigment packs) single component roll-on, UV-stable, cross-linked Polyurea coating with a high gloss finish. SPGX Single component Polyurea utilizes Polyaspartic, Urethane and Polyurea technologies to create a top coat that provides a durable, chemical, impact and abrasion resistant surface for a variety of applications.

RECOMMENDED FOR: Ideal for a one or two coat clear or colored solution (fast drying) that is UV tolerant, and highly resistant to chemicals and auto fluids. Can be used with or without non-skid additive.

RECOMMENED SURFACES

- **Warehouse floors**
- **Garage floors**
- **Manufacturing facilities**
- **Stain system top coat**
- **Shop floors**
- **Overlay top coat**

PRODUCTS TO BE USED WITH

- **ArmorPoxy SPGX Broadcast Coating Kit**
  - **Medium Broadcast**
  - **Full Brocast**

FEATURES

- **Rapid cure time**
- **Unlimited pot-life**
- **UV resistant**
- **No mixing**
- **Abrasion resistant**
- **Durable**

PHYSICAL PROPERTIES

Solids by Weight	62%
Volatile Organic Content	250 gm/liter (voc)
Recommended Film Thickness	should be applied at 2-8 mils.
Packaging Information	1 gallon (12.0 pounds net approximately)
Mix Ratio	Colored: 4 Parts A, 1 Part B (Pigm. Pack)
--	Clear: 1 Part A
Color Stability	Excellent 100% aliphatic
Abrasion Resistance	ASTM 4060-90 Taber Abrader CS-17
--	Wheel 12.0 mg loss 1000gm /1000 cycles
Tensile Strength	4800 psi (clear)
Elongation	25% ASTM D-412
Hardness	ASTM D-2240 70-75 D
Tear	ASTM D-624 550 lbs/in
Viscosity	range (SC) 800 cps
Shelf Life	12 months

COLORS

Clear, Gray, Tan

COVERAGE (Per Kit)

2 Mils	500 sq.ft
4 Mils	250 sq.ft
8 Mils	125 sq.ft

PRIMER

None necessary

TOPCOAT

Optional: This product can be used as a base coating and/or as a topcoat

CURE SCHEDULE

Pot Life (1 Gal Volume)	**Unlimited**
Tack Free (Dry to Touch)	**2-3 hours**
Recoat or Topcoat	**2-6 hours**
Light Foot Traffic	**8-12 hours**
Full Cure (Wheel Traffic)	**2-3 days**
Application Temperature	**75°F (24°C) with relative humidity at 50%**

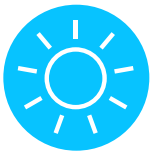
CHEMICAL RESISTANCE

24 Hour Full Submersion

Sulfuric Acid 5%	G
Sulfuric Acid 10%	F
Citric acid 1%	E
Isopropyl Alcohol 99%	F
Aviation Fuel	G
Diesel Fuel	G
Gasoline	E
Ammonia	E
Sodium Hydroxide	E
Sodium Hypo Chlorite 5%	C
Lactic Acid	F
Hot Tire	E
Brake Fluid	P
Sulfuric Acid (Battery, Acid)	F

BENEFITS

Rapid Cure Time



UV Resistant

Chemical Resistance

Super Durable

Rating: E= No Effect G= Limited Effect F= Moderate Effect P= Unsatisfactory

MINIMAL ENVIRONMENTAL IMPACT

SPGX is committed to keeping the environmental impact of our manufacturing operations, products and services to an absolute minimum. Our systems have been engineered to have minimal impact on our environment in both the manufacturing and application process. SPGX coatings are produced with the latest state of the art high performance components. This approach creates systems designed to reduce waste and emissions while increasing durability and longevity, thus reducing the environmental impact throughout their full lifecycle.

PRECAUTIONS

Moisture vapor emission in the concrete (MVE) to be less than 3-pounds per 1000 sq. ft. for 24-hour period.
Calcium Chloride test ASTM F1869-98 recommended. Should not be applied in direct sunlight or on elevated surface temperatures. Clear coating may turn opaque or cloudy in exterior application due to moisture
penetration.