



## Product Data Sheet

### PRODUCT DESCRIPTION

70410 Polyurethane Coating is a single component moisture-cured, aromatic polyurethane designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces.

70410 is Sealant • Waterproofing & Restoration Institute (SWRI) validated.

### PRODUCT NUMBERS AND COLORS

Standard color is: 70410 - Gray

### CURED FILM PERFORMANCE

| Description      | Test Method | Results          |
|------------------|-------------|------------------|
| Tensile Strength | ASTM D412   | 1,200 psi        |
| Elongation       | ASTM D412   | 400%             |
| Permanent Set    | ASTM D412   | <10%             |
| Water Resistance | ASTM D471   | <3%              |
| Tear Resistance  | ASTM D1004  | 100 lb/in        |
| MVT @ 20 Mils    | ASTM E96    | 2.6              |
| Taber Abrasion   | ASTM 4060   | 30 mg/1,000 cs17 |
| Shore A          | ASTM D2240  | 70-75            |
| Adhesion         | ASTM D4541  | 300 psi          |

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

### PRODUCT DATA

| Description   | Test Method   | Results      |
|---------------|---------------|--------------|
| Weight/Gal    | ASTM D1475    | 10.7 lbs/gal |
| Weight Solids | ASTM D4209    | 84%          |
| Volume Solids | Calculated    | 75%          |
| VOC           | EPA Method 24 | 190 g/l      |
| Viscosity     | ASTM D562     | 87 KU        |
| Flash Point   | ASTM D3278    | 102°F        |

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

### APPLICATIONS

70410 Polyurethane Coating is designed for use as a surface applied waterproofing membrane on a variety of prepared substrates.

- Parking decks
- Mechanical equipment room floors
- Walking decks
- Balconies
- Rooftop recreational areas
- Sun decks
- Lab flooring (Heavy-Duty)
- Clean rooms (Heavy-Duty)
- Animal holding areas (Heavy-Duty)

For surface preparation and application instructions, refer to Neogard's Surface Applied Waterproofing Systems Application Manual.

### SAFETY AND STORAGE

This product contains flammable aromatic solvents. Excessive contact with bare skin should be avoided. It is good practice to wear gloves and to guard against splashing the coating or solvent. Inhalation of fumes or vapor should be avoided. Use a NIOSH approved respirator.

Every precaution should be taken to prevent fire. Drums and cans of coatings and solvents should be stored in a cool (75°F) area safe from fire exposure. When specified on container, protect materials from freezing. Open containers and/or the liquid coating must be kept away from any source of ignition, heat and sparks. Do not smoke. Use explosion proof equipment. Foam or dry powder fire extinguishers should be placed where they can be quickly and safely reached in case of fire.

| SEALANT • WATERPROOFING & RESTORATION INSTITUTE            |        |
|--|--------|
| Issued to: Neogard, a division of the Jones-Blair Company  |        |
| Product: 70410 Basecoat & 7430 Topcoat                     |        |
| ASTM D 412: Tensile Strength of Top Coat 7430 Topcoat      |        |
| Tensile Strength: 2,280 psi;                               | Pass ✓ |
| Elongation: 345%   |        |
| ASTM D 4541: Adhesion of Base Coat 70410 Basecoat          |        |
| Pull-off Adhesion: 400 psi                                 | Pass ✓ |
| ASTM D 4060: Abrasion Resistance of Top Coat 7430 Topcoat  |        |
| Abrasion Resistance: 16 mgms loss - mgms loss/1,000 cycles | Pass ✓ |
| Validation Date: 2/21/08-2/20/13                           |        |
| No. 208-1030BT Copyright © 2008                            |        |
| <b>DECK COATING VALIDATION</b>                             |        |
| www.swrionline.org   |        |

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