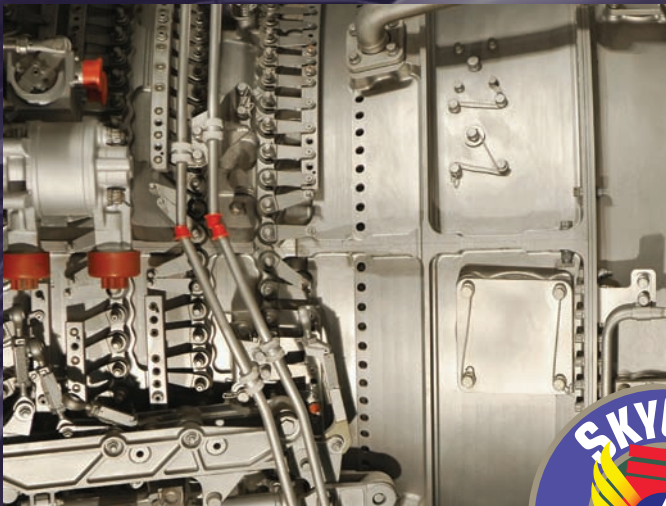


# SKYGARD MRO

Aviation Hangar Floor System - Chemical and UV Resistance System



For:  
MRO  
Heavy duty and heavy loads.  
Aircraft, Engines & Parts Manufacture



**NEOGARD**  
CONSTRUCTION COATINGS

## Chemical and UV Resistance System



### Use:

MRO

Heavy duty and heavy loads.

Aircraft, Engines & Parts Manufacture

### Features:

- High performance mortar 80 mils DFT and up
- Slip resistance silica quartz or aluminum oxide aggregate
- Tailor to suit requirements and needs
- High reflectivity
- Excellent impact resistance
- Excellent wear
- Excellent traction
- Two products, 3 coats
- VOC compliant
- Multiple colors available
- Tint ability
  
- Standard Colors\*



WHITE



LIGHT GRAY



GRAY

\* Colors shown may vary from actual product mixtures. Where color matching is critical, an applied sample is recommended. Custom colors are available at an additional cost. Minimum quantities and additional lead times are required for custom colors.

Standard flooring colors will vary by product. Consult NEOGARD® for further information.

| Physical Properties      | 70714/70715                        | 70805/7952                         | 70815/70816                        |
|--------------------------|------------------------------------|------------------------------------|------------------------------------|
| Material                 | Primer/Base Epoxy                  | Std Top coat                       | Ultra High Solids Top Coat         |
| Compressive Strength     | 25,300 psi                         | n/a                                | n/a                                |
| Tensile Strength         | 3,700 psi                          | 4,000 psi                          | 4,800 psi                          |
| Elongation               | 25%                                | 30%                                | 40%                                |
| Taber Abrasion           | 25 mg                              | 40 mg                              | 5 mg                               |
| Mix Ratio by Volume      | 2:1                                | 2:1                                | 1:1                                |
| Volume Solids (mixed)    | 100%                               | 62.6% (mixed)                      | 89%                                |
| VOC (mixed)              | < 5 g/l                            | 340 g/l (mixed)                    | 95 g/l                             |
| Pot Life at 75oF         | 30 minutes                         | 4-5 hrs.                           | 20 - 25 minutes                    |
| Touch Up Time at 75°F    | 20 minutes                         | 25 minutes                         | 10 minutes                         |
| Tack Free Time at 75°F   | 8 to 9 hrs.                        | 4-6 hrs.                           | 4 hrs.                             |
| Dry to Walk on at 75°F   | 24 hrs.                            | 24 hrs.                            | 8 hrs.                             |
| Fungus & Bacteria Resist | No Support of Growth Under TT-P-34 | No Support of Growth Under TT-P-34 | No Support of Growth Under TT-P-34 |

| Physical Properties                | 70714/70715  |
|------------------------------------|--------------|
| Material                           | Epoxy Mortar |
| Compressive Strength               | 10,900 psi   |
| Tensile Strength                   | 1,700 psi    |
| Flexural Strength                  | 4,200 psi    |
| Modulus of Elasticity              | 1.16x106 psi |
| Heat Resistance MIL-D-3234F        | Pass         |
| Impacted Load < 112 lbs ASTM D6905 | Pass @       |

| Chemical               | 70714/70715 | 70805/7952 | 70815/70816 |
|------------------------|-------------|------------|-------------|
| Brake Fluid            | 0-1         | 0-1        | 0           |
| Calcium Chloride 10%   | 0           | 0          | 0           |
| Diacetone Alcohol      | 1           | 0          | 0-1         |
| Diesel Fuel            | 0           | 0          | 0           |
| Ethyl Acetate          | 1           | 1          | 1           |
| Ethyl Alcohol          | 1           | 0          | 0           |
| Ethylene Glycol        | 0           | 0          | 0           |
| Gasoline               | 0           | 0          | 0           |
| Isopropyl Alcohol      | 0           | 0          | 0           |
| Jet Fuel               | 0           | 0          | 0           |
| Ketchup                | 0           | 0          | 0           |
| Hydrochloric Acid 37%  | 1           | 0          | 0-1         |
| Methylisobutyl Ketone  | 0           | 0          | 0           |
| Mineral Spirits        | 0           | 0          | 0           |
| Motor Oil              | 0           | 0          | 0           |
| Mustard                | 0           | 0          | 0-1         |
| Skydrol                | 1           | 0          | 0           |
| Sodium Hydroxide (50%) | 0           | 0          | 1           |
| Solvent 100            | 1           | 0          | 0-1         |
| Sulphruic Acid (50%)   | 1           | 0          | 0-1         |
| Urine                  | 0           | 0          | 0           |
| Xylene                 | 0-1         | 0          | 0           |

| Rating Key:   | 1- Stains/Dulls | 2 - Blisters | 3 - Lifts Film |
|---------------|-----------------|--------------|----------------|
| 0 - No Effect |                 |              |                |



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CONSTRUCTION COATINGS

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