



ALUMINUM OXIDE



ALUMINUM OXIDE is a strong texture additive that can be used in harsh and industrial environments to create a durable anti-slip surface. ALUMINUM OXIDE is a dense white material that dries clear and can either be hand broadcasted or mixed into a floor coating to enhance surface texture.

4617 South Taylor Drive
Sheboygan, WI 53081 | USA
(920) 694-4800
service@torginol.com | www.torginol.com

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------|-----------------------------|
| Color | White |
| Odor | Odorless |
| Shape | Spherical |
| Mohs Hardness | 9 |
| Density | ~200-250 LB/FT ³ |
| Melting Point | ~3100° F |
| Boiling Point | N/A |
| Flash Point | N/A |
| Vapor Density | Not Volatile |
| Coating V.O.C. | Not Volatile |
| Specific Gravity | 3.4-4.0 |
| Solubility in Water | Insoluble |
| Material V.O.C. | Not Volatile |

CHEMICAL ANALYSIS

| Chemical | Percent, % |
|--|------------|
| Al ₂ O ₃ (Aluminium Oxide) | 95-100% |
| TiO ₂ (Titanium Dioxide) | < 1% |

FEATURES & BENEFITS

- Provides a consistent textured coating surface
- Does not lower coefficient of friction; ideal for non-skid surfaces
- Perfect for high-traffic areas

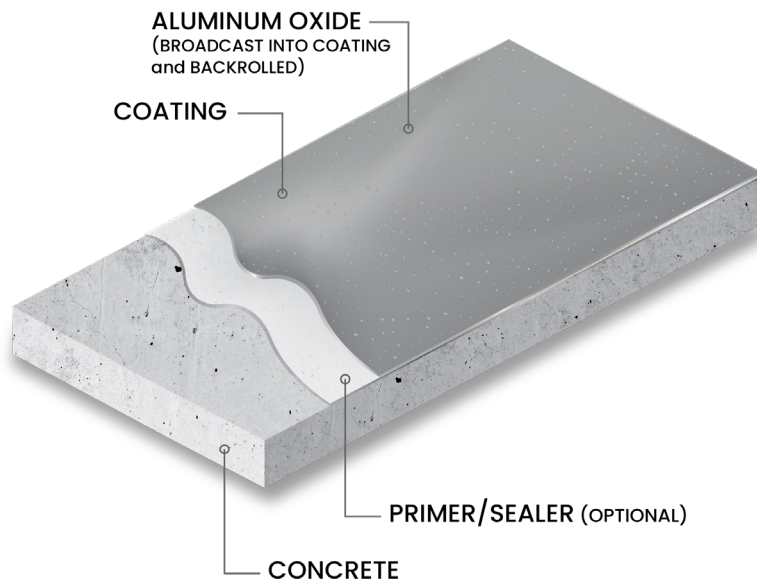
SYSTEM COMPATIBILITY

Lab tested resin chemical compatibility:

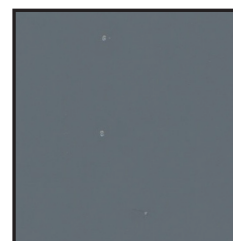
- Epoxy
- Polyurethane
- Polyurea
- MMA
- Polyaspartic
- Waterborne
- Solvent-based
- and others...

Note: *To date, no known resin incompatibilities exist. However, Torginol recommends unknown resin compatibility testing prior to use.*

TYPICAL ALUMINUM OXIDE TEXTURE SYSTEM



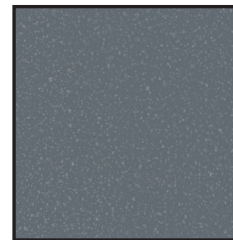
SIZE PROFILES (SHOWN IN COATING)



AO-50



AO-100



AO-200

APPLICATION

Hand-broadcasting is recommended for the larger AO-50 (50 mesh) material and applied at a rate of 1 LB per 5-10 FT². For the smaller AO-100 (100 mesh) and AO-200 (200 mesh) material, it is recommended to mix directly into the coating at a rate of 2-4 LB per gallon. Apply coatings as recommended by manufacturer.

DISCLAIMER: The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. Torginol, Inc. makes no representation or warranty concerning the products, expressed or implied, by this Product Data Sheet.