

ENVIROTHANE AO ANTI SLIP MEDIA

PRODUCT DESCRIPTION:

A & I Coatings ENVIROTHANE AO Anti Slip Media is for incorporation in A & I Coatings Floor Coating systems to achieve various levels of slip resistance

TYPICAL APPLICATIONS:

For addition to coating systems in the following applications:

- Bakeries
- Kitchens
- Washdown bays
- Abattoirs
- Butcheries
- and many more areas!

PHYSICAL DATA

Appearance	: White granules or powder
Melting point	: 2030°C
Boiling point	: 2977°C
Vapour density	: Not Available
Vapour pressure	: 1mm Hg at 2158°C
Specific gravity	: 4.0
Flash point	: Not available
Explosion limits	: Not available
Autoignition temperature	: Not available
Shear strength	: 330 MPa
Solubility in water	: Negligible
Stability	: Stable. Incompatible with strong acids, strong bases, Ethylene Oxide, Halocarbons, OF ² , Sodium Nitrate, Vinyl Acetate
Toxicology	: Not Hazardous
Grit size	: #46 (course), #60 (medium), #90 (fine)

MERITS:

1. White Aluminium Oxide is very hard (Mohs 9.6) as compared to Diamond 10
2. Being white, on most floors it looks unobtrusive as the floor wears or in a clear floor. Regular black grit tends to look 'bristly'.

LIMITATIONS:

1. White Aluminium Oxide settles quickly when mixed into coatings. Regular agitation is necessary throughout the application of the coating to ensure even distribution of the grit.

Slip Rating	1 st Coat	2 nd Coat	3 rd Coat
R9	E2100 + WAO 90	E2100	N/A
R10	E2100	E2100 + WAO - 90	N/A
R11	E2100 + WAO 60	E8470	E8470
R12	E2100 + WAO 46	E8470	E8470

Of the above systems, R10 and R12 are CSIRO certified and R9 and R11 are indicative.
 The above R ratings would be approximately the same for any A & I coatings floor coatings with approximately a 50% volume solids figure.
 DFT of any product will affect these results.
 It is expected there would be a different rating between say 410 (high gloss) and 2100 (satin) even if you have the same DFT when grit incorporated. (Especially the fine grit.)

APPLICATION DATA

Mixing :

Sizes 80 and 90 grit aluminium oxide can be mixed into the 1st or 2nd coat at a concentration of approximately 70-100 grams per mixed litre. For larger sizes of Aluminium Oxide it is recommended to broadcast the grit into the first coat to achieve the most even coverage.

PACKING & STORAGE

Packing : Available in 25kg bags and 1 or 5kg tubs. For availability of other sizes, contact **A & I Coatings**.

Storage : 12 months if stored in sealed containers away from heat. Subject to re-inspection thereafter.

HEALTH AND SAFETY : All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for Envirothane AO. Users should familiarize themselves with all the safety aspects of the product prior to usage.

Please ensure the current Technical Data Sheet is consulted prior to specification or application of **A & I Coatings** products. If the surface intended to be painted differs from the specification, please consult the **A & I Coatings** Technical team on 1800 819 585.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

DISCLAIMER

Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.

For additional information, phone our Customer Service Centre on 1800 819 585, or e-mail helpdesk@aicoatings.com
 Visit our website for more products: www.aicoatings.com

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