



ALOX

Slip Resistant Grits

Description

ALOX SlipRes is an inorganic oxide complex of Aluminium with extreme pressure impact resistant of up to 1.5Tonne per grain.

Shimicoat ALOX SlipRes is available in many grit sizes to represent Australian Standard Non-Slip Floor Finishing System rating of R9 to R13:

Grit Sizes	Oil-Wet Inclining Platform Test	Wet Pendulum Test
Super Fine	R9	P2
Fine	R10	P3
Medium	R11	P4
Coarse	R12	P5
Super Coarse	R13	P6

Most restaurants/cafes are required to be R10 or R11 Non-Slip Floor Compliance.

SHIMICOAT offers a comprehensive range of flooring and Slip Resistant coating materials. ALOX SlipRes is an inorganic Aluminum Oxide complex in granular shape that can be scattered over the floor followed by application of topcoat Epoxy or Sealer materials.

Shimicoat offers a wide range of resin coating materials to be used in conjunction with ALOX SlipRes for your desirable surface that is hygienic, safe, functional, modern and economical.

ALOX SlipRes is an easy to use DIY materials that can be scattered over your prepared floor, followed by coating application of Epoxy, Polyurethane and many types of sealers.

ALOX SlipRes is engineered to introduce limited traction improvement and is not an anti-slip. It should not be expected to impart significant traction to an otherwise slippery substrate. The installer is responsible to obtain Slip Resistant certification from authorized bodies, Shimicoat does not provide and is not responsible in regards to compliance and Slip Resistant ratings.

Traction is greatly influenced by the underlying pavement and is usually affected by slope as well as texture. Shimicoat does not recommend the use of heavy coats on steep or smooth surfaces.

Features

ALOX SlipRes can be used with any of SHIMICOAT Epoxy or Sealer products:

- Easy to install
- Limited downtime
- Chemical Resistance (ChemRes)
- Fire Resistant (FireRes)
- Slip Resistant (SlipRes)
- Ultra Durability Plus & Longevity
- Ideally for single/dual resin systems
- Disperses readily and evenly
- Slow to settle in product (especially finer grits).
- Compatible with all SHIMICOAT sealers and coating materials.

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- No expansion / No contraction
- Enhance abrasion resistance of surface
- Maintain aesthetic appeal of decorative surfaces
- Economical

Usage

500g to 1Kg per 10sqm
Dosage may increase or decrease to your desired grip.

Applications

Method One:

Apply the basecoat and while still wet, scatter SlipRes to Grip Additive over the floor randomly and evenly at a rate of one handful (1Kg/10sqm).
Once Cured, apply thin layer of Ultra Clear Topcoat using roller. Lock in Grip with second coat.

Method Two:

Add into paint/resin in your mix at a rate of 500g-1Kg per 20Lt and apply using Roller or Brush.
Constantly mix to maintain suspension of ALOX SlipRes as it may settle. Ideally, we recommend Method One due to better consistency and more even finish surface.

Preparations

Clean and dry surface. Ensure surface to be coated is free of all dirt, grease, oil, paint, curing agents and other contaminants. Removal of Oil Contamination by degreaser and alkaline cleaning pressure wash.

Acid-wash to enhanced surface porosity and etch the surface. Ensure moisture free surface. Allow to completely dry, run Dry Test. Place a piece of plastic over a small area, tape the edges and leave for 1 hour. Remove plastic, if there is no moisture on either surface, concrete is sufficiently dry.
Ideally, always consider surface grinding and removal of loose materials. Grinding is always advisable prior to application of all Shimicoat Epoxy products, to maximize adhesion.
For further information, please refer to SHIMICOAT Instruction for "Surface Preparations".

Specifications

ALOX SlipRes contains Inorganic Compounds in white colour and available in many grit sizes to comply with Australian Standard Slip Resistant codes.

Direction

ALOX SlipRes is engineered to be used as Grit/Slip Resistant additive in Epoxy, Urethane, Sealers or Paint. ALOX SlipRes can be broadcast onto the wet base coat giving a slip resistant finish as a sprinkle coat or fully blinding the area to the point of rejection. Application of topcoat lock and sandwich-entrap ALOX SlipRes within the system permanently.

Why is Slip Resistant Flooring important for Homes

Although many homeowners prefer installing finely polished shiny tile floors, hardwood floors or gorgeous looking granite, these materials always come with the risk of causing potentially dangerous slips and trips. We all know that smooth floors are easier to slip on, particularly when water is spilled. The condition can worsen, particularly when children and seniors are involved. This emphasizes the need to consider a slip resistant floor that can replace hazardous flooring and increase traction, especially for certain areas exposed to rain or high traffic such as entries, balconies, steps, etc.

Most homes feature hard flooring that includes vinyl, linoleum, ceramic smooth tile, smooth stone, concrete and others in some part of the home interior like the bathroom, laundry, kitchen and even garage. These areas are more prone to slips and trips as the chances of water spillage are higher.

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What to do:

When it comes to young children and an aging population, it is especially important to create an accident-free home. One of the first areas that can be addressed is by eliminating any types of slip inducing flooring and replacing them with a safer option.

One option to consider is SHIMICOAT range of decorative polyaspartic and epoxy coatings. SHIMICOAT provides a unique and decorative alternative to tile and other flooring. With added benefits of ALOX SlipRes, these “Roller or Brushed” floor coatings can be applied over old and new concrete and other substrates, providing the home owner with a choice of beautiful colours and a finish that is slip-resistant, durable, modern, hygiene and functional.

Benefits:

- SHIMICOAT floor coating materials can be applied on concrete and other hard surfaces enhancing the look and feel of the floor.
- ALOX SlipRes can be added to eliminate the risk of slip in any wet area.
- SHIMICOAT floor coating solutions work effectively in all conditions such as greasy, wet or dry floors with the addition of ALOX SlipRes.
- Our products are easy and fast to apply - even in a day (depending on the size of the area). There is no need to wait long for the floor to dry, one day application, one day curing. Rapid fast “Return to Normal”.
- Anti-slip treatment can be effective for five years and over, reapplication is easy and economical.

The slip resistance test classification and the mean angle of inclination:

SHIMICOAT implement Australian Standard for characterization of surface materials and determination of friction factors under wet and dry conditions.

This Standard is also intended for evaluating surface applications and treatments including products such as sealers, polishes and etchants which may modify the surface characteristics of pedestrian surfaces.

The method for the measurement of wet slip resistance being used for external and internal pedestrian surfaces and those pedestrian surfaces that have a reasonably foreseeable risk of the presence of wet substances such as water, grease and oil.

For further information please contact our technical team at SHIMICOAT Pty Ltd.

WARNING

Keep out of reach of children
Read Safety Material Data Sheet (MSDS) of the product prior to use.

Pack Sizes

Storage

The products shall be stored out of direct sunlight and heat at all times.
The shelf life of the product is 24 months.

Kit Sizes
2Kg
4Kg
8Kg
20Kg

DISCLAIMER

Material Safety Data Sheet, Technical and Environmental Data Sheet can be provided upon request. The information provided in this document is guidance only and considering the uses of this product are beyond the seller's control, the product is sold without guarantees or warranties. Warranties and guarantees shall be governed by SHIMICOAT Standard Terms of Sale. The purchaser shall make its own tests to determine the suitability for their specific application, and Shimicoat Pty Ltd is taking no responsibility for misuse of the product. The purchaser assumes all risk of use and handling of this product. This product will be happily replaced or credited back if defective. Beyond this, Shimicoat Pty Ltd is not liable for any damages caused by this product or its use. *This information and all further technical advice are based on our present knowledge and experience. The customer is not released from the obligation to conduct careful inspection and testing of supplied goods.*