

# DEGADUR RW

(waterproofing. weatherproofing. water tight)

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## Description

A liquid – applied, roll-on application formulated with solvent – free and cold – curing methyl methacrylate resin which is manufactured by DEGUSSA / ROHM Specialty, Germany.

Super fast - curing applications and highly UV resistant waterproofing system with or without polyester or fibre glass reinforcement . Thickness range from 0.5mm to 4mm.

## Uses

A seamless exposed waterproofing membrane which is UV resistant for roof coverings as well as a damp proofing for concrete ground floor slab; is trafficable to all kinds of vehicular traffic and is suitable for all industries , commercial, educational, medical and residential premises.

## Benefits & Properties

- Tough, long lasting and more prolonged elasticity than any other waterproofing systems.
- ability to bridge all hairline cracks and expansion joints.
- Non porous waterproofing and totally impermeable to water/liquid.
- Seamless and far more superior than other waterproofing membrane.
- Excellent wear resistant against vehicular traffic.
- Absorbent to shock impact and thermal movements.
- Can be applied on almost any kind of surface – concrete , metal, tiles, timber or top of other roof coverings.

- Ability to seal joints in any width or depth.
- Super fast curing – 100% and withstand full loads just 2 hours after application.
- Variable in pattern, colour and finished texture.
- Overcoating and recoating easily applicable.

## Safety and Standards

DEGADUR meets all GMP, HACCP, USDA standards; complies with Toxic Substance Control Act and is designated as non-carcinogenic by NTP, IARC, and OSHA.

## Areas Of Application

- RC flat roofs, car park and ramp
- Roofing tiles and metal deck roofing.
- G.I. or stainless steel roof gutters.
- Polycarbonate roof and awnings.
- Toilets and washroom.
- Windows sills and door frames.
- Terrace and balcony.
- Basements and tunnels.
- Expansion and construction joints.

## Application Technique

### **Surface Preparation**

- Removal of top loose particles, surface laitance, oil and grease by captive steel shot - blasting, machine grinding and scarifying.
- Remove surface dampness by flame torching.
- Vacuum cleaning and brushing to provide dust – free open textured surface.

### **Priming**

- All prepared surfaces to be primed with DEGADUR 112 floor sealer to close all joints and pores and leave to dry.

### **Coating**

- All irregularities and pot holes are filled with DEGADUR filler to the desired uniformity.
- Application of DEGADUR base coat is fluid applied using paint rollers.
- For anti - skid coating, broadcasted with natural quartz sand onto wet base coat and remove excess sand after curing, drying time is 45 minutes.
- DEGADUR top coat is similarly applied to a smooth or anti-skid finish, 100% curing within 2 hours.
- For working as joint sealants or filling up at irregular spots around leak areas, a thixotropic paste is formed with DEGADUR for the application.

**TEXTRACO (MALAYSIA) SDN BHD**<sup>122000-D</sup>

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## Health & Safety

During the application of DEGADUR, methacrylate fume, recognisable by its distinctive and characteristic odour is released briefly until curing. This typical odour functions as a warning and the perception threshold is between 0.05 – 0.21 ml/m<sup>3</sup> (ppm) well below the permissible maximum concentration of 50 ml / m<sup>3</sup> for the work place (MAK-value).

DEGADUR is safe, nontoxic and has no adverse health effect. It complies to Law on Food Stuffs and Articles of Daily Use.

## Further Information

- Chemical Resistant Chart
- Certificates Of Physiological Inoffensiveness.
- Maintenance program and manual.
- Test Report & MSDS

<u>Property</u>	<u>Test Method</u>	<u>Value</u>
Specific Gravity	DIN 53479	1.15 Kg/L
Compressive Strength	DIN 1164	45 N/mm <sup>2</sup>
Flexural Strength	DIN 1164	17 N/mm <sup>2</sup>
Tensile Strength	DIN 53455	14 N/mm <sup>2</sup>
Elongation at Fracture	DIN 1164	36%
Modulus of Elasticity	DIN 53456	4350 N/mm <sup>2</sup>
Ball indentation Hardness	DIN 53456	110 N/mm <sup>2</sup>
Water Absorption (4 days)	DIN 53456	<0.1%
Shore D Hardness	DIN 53505	76-78
Surface Resistance	DIN 53482	8.0.10 <sup>12</sup> Ohm
Volume Resistance	DIN 53482	7.0.10 <sup>13</sup> Ohm.cm
Coefficient of Thermal Expansion	VDE 0304/1	50.10 <sup>-6</sup> K <sup>-1</sup>
Resistance to thermal Deformation (Vicat)	DIN 53460	80 <sup>0</sup> C
Colour Fastness	-	absolute stability
Full Cure (100% traffic & Loading)	-	maximum 2 hours
Lowest working Temperature	-	-40 <sup>0</sup> C

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