

| Introduction

Alka 211 is a high performance, high chemical and UV resistant, hand-applied, moisture-curing single-pack polyurethane topcoat. Alka 211 is vehicle or foot trafficable. Alka 211 has been tested to pass accelerated UV testing using UVB light at 2000 hours.

| Features.

It is designed for coating Polyurethane or Polyurea waterproofing membranes to bring trafficability, easy cleaning and gloss.

- **68% Solids**
- **Easy to use and apply**
- **Quick skin building time and tack free surface**
- **Good UV resistance and light stability**
- **High resistance to puncture**
- **High resistance to fouling**
- **High resistance to chemicals**

| Benefits

- Low VOC, ultra-high solid formulation,
- Excellent UV resistant,
- Perfect self-levelling properties,
- High gloss coating,
- Low viscosity,
- Excellent bond strength,
- Easy application/Can be applied by brush or roller,
- Multi-purpose use,
- Rejuvenates worn surfaces, to a smooth finish,
- Designed to take heavy loads,
- Good mechanical resistance,
- Good chemical resistance,
- Short waiting times before subsequent coatings.

| How to Apply

Alka 211 is supplied in ready-to-use pails. Alka 211 must be mechanically mixed before application. Shaking the pail will not provide sufficient mixing to the product. Mix the product for 2-3 minutes at 300-400RPM with a power drill with a paint mixing tool attachment. Avoid introducing air into the product when mixing.

Alka 211 should be applied with a squeegee (wiper) or roller.

Alka 211 can be subject to light pedestrian traffic after 24 hours. It is recommended to allow 7 days of curing for vehicle traffic.

The cure rate of Alka 211 will depend on the ambient and substrate temperatures as well as the relative humidity. In colder climates the cure rate will be prolonged which will increase the pot life, re-coat interval and working time. Conversely, at higher temperatures the cure rate will be reduced which will decrease the pot life, re-coat interval and working time.

If using Alka 211 on waterproofing membranes, make sure that the appropriate reinforcing fabric or bond breakers have been used in angled sections to avoid expansion movement damage. Please consult your waterproofing supplier or AS4654.2 for additional information.

Alka 211 should not be used in ponding water areas. In extremely cold conditions, heating units should be used to bring the product back to 15-25°C to allow for workability.

Recoating instructions:

In normal conditions, Alka 211 can be recoated with another layer of Alka 211 after 12 hours and before 36 hours. Contact your Alka representative with any questions.

Diluting:

Alka 211 should not be diluted unless under the instruction of an Era Polymers representative.

Coverage

1 coat of 250-400 g/m² will provide a durable layer of 0.15-0.25 mm. Final dry film thickness must be a minimum of 0.2 mm (200 micron). The number of coats will depend on the degree and type of traffic. For light foot traffic a single coat at 400 g/m² is recommended. For heavy foot traffic and vehicular traffic two coats of 400 g/m² is recommended.

Clean Up

Reusable tools should be cleaned carefully with Xylene or MEK before curing.

Shelf life

Shelf life of sealed Alka 211 in its original unopened packaging is 12 months. Always store closed containers in cool, ventilated and dry location, away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 5°C or above 35°C.

Safety

As Alka 211 is solvent based, any application site must be free of naked flames or spark sources. Fresh air should be circulated on site.

Please refer to the Material Safety Data Sheet (MSDS) for personal protection, proper handling and storage.

| Important Notes

- Do not add any water.
- Do not use any alcohol, such as methylated spirit, as dilutant.
- Do not apply Alka 210 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 210 in a confined space.
- Freshly applied Alka 210 should be protected from damp, condensation and water for at least 24 hours.
- If in doubt about the use or application of this product, or further information please contact our Alka Technical Department.
- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.
- Avoid contact with foodstuffs and utensils.

| Notice to Reader

Alka Coating make no representation as to the completeness and accuracy of the information contained on this Technical Data Sheet. It is the user's obligation to evaluate and use this data, and to comply with all relevant Commonwealth, State and Local Government laws and regulations.

Alka Coatings shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.

A full Material Safety Data Sheet is available from Alka on request.

		Alka 211	TEST METHOD
Hardness	(Shore A)	90 ± 5	AS1683.15
Tensile strength	(MPa)	> 30	ASTM D412
Elongation	(%)	> 140	ASTM D412
Non Volatiles	(%)	68 ± 2	ASTM D3960
Tack free time*	(hours)	1	-
Curing Time*	(hours)	12	-
Service Temperature	(°C)	-20 to +80	-
Density (Liquid)	(g/cm ³)	1.04	-
Density (Solid)	(g/cm ³)	1.12	-
Recommended substrate temperature	(°C)	+5 to +35	-
Recommended substrate moisture	(%)	Up to 5	-
Colour		Clear	-
UV resistance UVB-313-EL Lamp Wavelengths ~310nm Irradiance: 0.71 W/m ² /nm 4 hours UV @ 60°C + 4 hours Humidity @ 50°C		2000 hours accelerated testing, no visible cracks, blister or chalk.	ASTM G154-16

All products are subject to Alka terms and conditions. Read the full version on our website prior to any purchase.

| Contact us

ALKA COATINGS / ABN: 70 652 323 487

24/7 Toll-Free Emergency Response line for SDS: 1800 921 288

87 Market St, Smithfield 2164, New South Wales, Australia.

Phone: 1300 51 51 50 / www.alka.au

info@alka.au / Find us on social media.