EPINAMEL® NS808 P34.01

DESCRIPTION

- a two component high build polyamide cured epoxy with hard coarse non-skid aggregate
- conforms to AS/NZS 4586:2004 Appendix C (DIN51097) to Classification B - Wet Barefoot Ramp Test
- conforms to AS/NZS 4586:2013 Appendix A (Wet Pendulum Test Method) and Appendix D (Oil Wet Ramp Test)

PRINCIPAL CHARACTERISTICS

- excellent non-skid capabilities
- suitable for wet bare foot areas such as shower rooms and pool surrounds
- high film build capabilities
- suitable for aggressive environments
- extremely hard wearing
- good resistance to alkali, salt and fresh water, minerals and solvent
- may be used as a finish coat or in combination with coloured finish coats

COLOURS AND GLOSS

- Grey - semi gloss

RECOMMENDED FILM THICKNESS (PER COAT)

	Minimum	Maximum	Typical
Dry film thickness microns	400	400	400
Wet film thickness microns	540	540	540
Theoretical spreading rate m^2/l	1.9	1.9	1.9

BASIC DATA AT 25°C

- solids content approx.....74% by volume
- mix ratio .....4A:1B by volume
- touch dry after .....2 hours; walk on 16 hrs
- full cure .....7 days
- temperature resistance .....95°C (dry), 35°C (wet)

SURFACE PREPARATION

PREVIOUS SUITABLE COAT

- must be dry and free from chalking and contamination and sufficiently roughened if necessary
- substrate temperature must be at least 5°C during surface preparation, application and curing and at least 3°C above dew point
- relative humidity should not exceed 85%

APPLICATION INSTRUCTIONS

- mixing ratio by volume: 4A:1B
- mix Epinamel NS808 Part A with Epinamel EH100 Standard (Std) Part B or Epinamel EH120 Low Temperature (LT) Part B only
- induction time - none if applied above 10°C
- induction time - 20 minutes if applied at temperatures below 10°C
- stir thoroughly after the induction time before using
- pot life at 25°C 4 hours. Do not use after this time even if the mix is still liquid
- very good mechanical mixing of the Part A and Part B is essential to ensure distribution of the aggregate, drying and curing
- the temperature of the mixed product should be above 15°C
- thinner should only be added after mixing the two components
- freshly catalysed material should not be added to product that has been mixed for some time
- product can be applied only by roller
- Valspar recommends the use of coating inspection reports in compliance with AS/NZS 3894.10,11,12 refer to Information Sheet I-20 for more information
- for recommendations outside those contained in this data sheet, refer to Valspar

APPLICATION METHODS

- **AIRLESS SPRAY**
  - not recommended
- **AIR SPRAY**
  - not recommended
- **BRUSH/ROLLER**
  - recommended thinner .....Thinner L760
  - volume of thinner 0- 5%
- **CLEANING SOLVENT**.....Thinner L760

SAFETY PRECAUTIONS

- flammable. Avoid contact with heat and naked flame
- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the Material Safety Data Sheet (MSDS)

ADDITIONAL DATA

Overcoating Table

Overcoating interval for Epinamel NS808 cured with Epinamel EH100 Standard Part B when top coating itself

Interval	5°C	15°C	25°C	35°C
Min	4 days	2 days	16 hrs	8 hrs
Max	Unlimited when dry & free from chalking & contamination			

Overcoating interval for Epinamel NS808 cured with Epinamel EH120 Low Temperature Part B when top coating itself

Interval	5°C	15°C	25°C	35°C
Min	3 days	1 day	10 hrs	6 hrs
Max	Unlimited when dry & free from chalking & contamination			

Curing and Potlife Table

Epinamel NS808 Cured with Epinamel EH100 Standard Part B

Paint temperature	5°C	15°C	25°C	35°C
Dry to handle	8 hrs	4 hrs	2 hrs	1 hr
Dry to walk on	48 hrs	24 hrs	16 hrs	8 hrs
Full cure	14 days	10 days	7 days	3 days
Potlife (at application viscosity)		8 hrs	4 hrs	2 hrs

Epinamel NS808 Cured with Epinamel EH120 Low Temperature Part B

Paint temperature	5°C	15°C	25°C	35°C
Dry to handle	6 hrs	3 hrs	1½ hrs	1 hr
Dry to walk on	32 hrs	16 hrs	12 hrs	6 hrs
Full cure	10 days	6 days	3 days	2 days
Potlife (at application viscosity)		4 hrs	2 hrs	1 hr

- adequate ventilation must be continuously maintained during application and curing

PRECAUTIONS

- for recommendations outside those contained in this data sheet, refer to Valspar
- epoxy coatings characteristically chalk or discolour on exterior exposure- this does not detract from their protective performance. For exterior atmospheric coating systems requiring colour retention and resistance to chalking, topcoat with a suitable product. Such products may include Poly U400, Poly U750 or Paracryl IF540. Ensure the system is suitable for your intended application.

PRODUCT COMPATIBILITY

Primers

- Epinamel CP502
- Epinamel PR250
- Epinamel PR360ZPS
- Epinamel EB600
- Epinamel DTM985

Topcoats

- Epinamel CF602
- Poly U400 (colours)
- Poly U750
- Paracryl IF540 (colours)

STORAGE AND PACKAGING

- shelf life at least 12 months
- all components shall be stored in a dry internal environment at between 5°C and 35°C
- packaging 5 Litre kit (4 Litre Part A, 1 Litre Part B)
- product line: 2011

Certified System Quality ISO 9001

Valspar is committed to quality in the design, production and delivery of its products and services. Valspar's Australian manufacturing facilities quality management systems are certified to ISO9001.

Valspar's laboratory facilities are accredited for technical competence with the National Association of Tests Authorities, Australia (NATA) and comply with the requirements of ISO/IEC 17025. Accreditation No.104 (Footscray), 1154 (Glendenning) and 931 (Kilburn).

NATA ACCREDITED FOR TECHNICAL COMPETENCE

For the most up to date information contact Valspar Customer Service Hotline or visit the Wattyl Website.

	Australia	New Zealand
CUSTOMER SERVICE HOTLINE	132 101	0800 735 551
WEBSITE	www.wattylpc.com	www.wattylpc.com