

DATA SHEET

JAXXON 1335

Clear, 100% Solids Epoxy Binder, Primer & Sealer

DESCRIPTION

A solvent-free, clear, two-pack epoxy designed as a multi-purpose resin for a wide range of subfloor applications requiring high moisture tolerance and/or chemical resistance.

Quality materials are selected to create a dependable, high-performance subfloor resin that can perform in the toughest application conditions.

Jaxxon 1335 can be applied onto damp or wet surfaces without amine blushing or adhesion issues, and is perfectly suited for use as a primer, sealer or binder on substrates that are exposed to moisture or aggressive chemicals.

USES

Common uses for Jaxxon 1335 include priming, sealing, levelling, filling, patching and coving in:

- Garages
- Workshops
- Warehouses
- Wet Areas
- Loading Zones
- Industrial Facilities
- Kitchens
- Mining Facilities
- Wastewater
- Prisons
- Chemical Containment

PRODUCT DETAILS

Type:	Two-pack epoxy - solvent-free/100% solids.
Colour:	Clear.
Finish:	Gloss.
Mix Ratio:	5:3 v:v.
Pack Size:	12 litres.

BENEFITS

- ✓ Proven performance in the toughest conditions.
- ✓ Can be applied onto damp or even wet surfaces.
- ✓ Excellent chemical resistance, e.g. 70% sulphuric acid.
- ✓ Excellent adhesion to all common substrates.
- ✓ Potable water approved under AS/NZS 4020:2018.
- ✓ Not a Dangerous Good for quicker, easier shipping.
- ✓ Good tolerance of low temperatures.
- ✓ Versatile resin with a wide range of uses, including:
 - Priming and sealing porous concrete.
 - Skim or slurry coats to repair damaged surfaces.
 - Coving.
 - Grouting and filling - bolts, joints and other voids.
 - Re-levelling to establish falls to drains.
 - High-build (>6mm), heavy-duty trowel-down systems.



JAXXON 1335

PROPERTIES

Adhesion ASTM D451/ISO 4624	Concrete - substrate failure in dry and wet
Hardness ASTM D-2280 JIS K 5600-5-4:1999	62-67 Shore D H Scratch Pencil Hardness
Abrasion CS 17/1kg/1000 cycles	61mg/1000 cycles
Potable Water AS/NZS 4020:2018	Passed all criteria at a min. exposure of 7500mm ² per litre

CHEMICAL RESISTANCE

10% Acetic Acid	50% Sodium Hydroxide
Bleach	70% Sulphuric Acid
Ethanol	Xylene
Toluene	Hydrocarbons/Fuels/Oils
Skydrol	10% Lactic Acid
Deionized Water	

Staining may occur when exposed to aggressive chemicals. Good housekeeping practices, including dilution and spillage clean up, will minimise chemical damage. For full immersion performance, contact supplier.

COVERAGE

Primers/Sealers/Clear Coatings:

The actual coverage achieved by Jaxxon 1335 will depend on the substrate characteristics and condition.

The theoretical yield for a 150-micron film is:

12 litre kit @ 6.67m²/L = 80m²



Levellers/Patching Compounds/Coves:

The following table contains starting-point blends for grouts and mortars, as well as the total volume produced. Coverage of these products will depend on the average thickness they are applied.

Product Type	Sand:Binder Volume Ratio	Sand Volume (Dry)	Binder Volume	Total Mixed Volume (Approx.)
Fluid Grout	1.5:1	6 litres	4 litres	7.6 litres
Easily Worked Mortar	3:1	12 litres	4 litres	11.5 litres
Stiff Mortar	4:1	16 litres	4 litres	17.6 litres

CURING TIMES

	Time (@ 25°C)
Pot Life	- 25 minutes
Set (touch)	- 8 hours
Set (hard)	- 20 hours
Re-coat (min.)	- 20 hours
Re-coat (max.)	- 45 hours
Full Cure	- 8 days

- Approximate time frames for full kit @ 25°C.
- Pot life will shorten for larger mixes.
- Curing times will decrease with increasing temperature (+10°C will halve curing times, -10°C will double them).

PRODUCT NOTES

- Jaxxon 1335 can be used as the binder in grouts, slurries and mortars with the addition of stir-in sand, fillers and powders.
- Jaxxon 1335 can be used as clear, thin-film rollcoat coat, however it should not be used in applications requiring resistance to rapid changes in temperature during service and/or cleaning (i.e. thermal shock).
- Consistent with all epoxies, Jaxxon 1335 will tend to discolour upon extended UV exposure. Over-coat with Ezipoly (PU topcoat) if required.
- Do not use below 5°C.
- If more than one kit is mixed at a time, the product can reach dangerously high temperatures and experience a significantly reduced pot life.
- Clean up with MEK, acetone or methylated spirits.

JAXXON 1335

SURFACE PREPARATION

Concrete:

New concrete surfaces should be allowed to cure for a minimum of 28 days.

Contaminated concrete surfaces should be degreased with an appropriate detergent.

Diamond grind, shot blast, scarify or scabble as required to obtain a suitable surface profile for the coating system to be applied. Ensure surface is clean, dry and dust-free again if there's a delay between preparation and application.

Properly prepared surfaces should be structurally sound (minimum of 25MPa compressive strength/1.5MPa tensile strength) and free of contamination, laitance and any loose material.

Coated Surfaces:

Maximum delay between coats is 45 hours @ 25°C. Should this time be exceeded the previous coat must be lightly abraded with 80-120 grit paper, vacuumed and wiped with methylated spirits or other suitable solvent.

Old, existing films can be over-coated providing they're in good condition and there are no adhesion issues. If in doubt, a tensile adhesion test should be conducted.

MIXING

For full safety instructions, consult SDS. Wear protective clothing, goggles and gloves to prevent skin and eye contact.

NOTE:

Check packaging for correct components before mixing.

Mix product at a ratio of 5:3 by volume. Pour Part B into Part A and blend for 2 minutes.

Jaxxon 1335 kits can be split by using the following weights and volumes to make 1 litre -

To make 1 litre	Part A	Part B
Jaxxon 1335	710g/640mL	380g/360mL

If pigmenting, pre-mix pigment pots into Part A first with a drill mixer before adding Part B.

When mixing mortars or levelling compounds, gradually add filler/aggregates last while continuing to mix, scraping sides with a flat spatula to ensure all product is taken in. Keep mixing until a consistent appearance is obtained.

APPLICATION

Brush, roller, squeegee or trowel.

Technique and coverages will depend on the type of product being used and its application.

Rolling (Primers/Sealers/Clear Coatings):

Pour product immediately onto the floor after mixing. Start 50cm from a wall and work towards the exit point pouring in an "S" shaped pattern.

Leave enough mixed product to cut in with a brush next to vertical surfaces and around tight areas. Approximately 100mm is typical.

Perform a rough spread using the squeegee to achieve a relatively even film, allow product to level for 2-3 minutes, then backroll smooth using de-linted roller covers.

Roll in long, even, overlapping strokes to get the product feeling and sounding the same.

Trowelling (Levellers/Patching Compounds/Coves):

Prime cleaned surfaces first if required. Position mixed product over the freshly primed areas using appropriate spreading techniques and trowel to a smooth finish as required.

Products must be applied within the pot life times listed in the Cure Schedule table to ensure best results.

STORAGE

Keep containers closed when not in use. Store below 40°C. Do not store in direct sunlight. Shelf life is at least 12 months in original, unopened container. Seek advice from your local council regarding accepted disposal methods.

FIRST AID

CAUTION: KEEP OUT OF REACH OF CHILDREN.

IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTRE (Australia - 13 11 26) or doctor/physician. If skin irritation occurs: Get medical advice/attention.



Ph: 1300 EPOXIES www.realworldepoxies.com

WARRANTY DISCLAIMER: The technical data given herein has been compiled for your help and guidance and is based upon our experience and knowledge. However as we have no control over the use to which this information is put, no warranty express or implied is intended or given. We assume no responsibility whatsoever for coverage, performance or damages, including injuries resulting from use of this information or of products recommended herein.
Date of Issue - June 22.