



CONSOLIDATE

Consolidate has been formulated for dip sealing especially for sandstone around pools. Consolidate will reduce salt attack and give high water repellency. It is used as a pre-seal and is compatible with our other penetrating sealers.

FEATURES

- Will not affect adhesive performance
- Excellent salt resistance
- Breathable sealer
- Strengthens soft or chalky surfaces
- Deep penetration

TECHNICAL INFORMATION

Physical State.....Non-viscous liquid
Odour.....Characteristic odour
Boiling Point.....78 – 186 °C
Flash Point.....~15 °C
Water Solubility...Miscible
VOC.....~50 % v/v
Storage.....Store in a well ventilated place. Keep cool.

Colour.....Clear
Specific Gravity.....0.82 – 0.86 @ 25 °C
Flammable Limits...3.5 - 19.0 % v/v (ethanol)
pH.....11.0 – 12.0 neat
Per Cent Volatile....~60 % v/v

Suitable for:

External or internal porous stone and masonry products.
 Used predominately for dip sealing sandstone coping around pools.
 Sealer is used as a pre-seal.

Preparation:

Always test product on a small area first and allow a 1 hour cure time to determine the ease of application and suitability of your surface type.
 All surfaces should be thoroughly cleaned with NATURAL CLEAN. Heavily soiled acid sensitive surfaces to be cleaned with D-GREASE, while non-acid sensitive surfaces can be cleaned with D-SCALE. All surfaces should be neutralised with NATURAL CLEAN.
 Allow surface to dry for approximately 12 hours before sealing.
 Ensure surface is clean and free of residues and other contaminants.
 Tape up or protect nearby surfaces as sealer will bond to all siliceous materials eg glass.
 Allow good ventilation and use proper PPE as per details on the SDS.
 Do not thin product or alter formula.

Application:

Apply when surface temperature is between 5 – 35 degrees C.
 Use a Solutions Sealers applicator, microfibre, paint brush or airless sprayer (taking care not to atomise spray). **Do not use a roller.**
 If dip sealing (recommended for pool coping) pour product in container and dip tile, making sure each of the six sides are saturated, then store against wall for over 24 hours before laying. Full strength will take around 72 hours.
 On porous surfaces apply 2 flood coats on all sides of the tile if possible.
 Saturate the surface without leaving puddles allowing 15 minutes between coats.
 On denser surfaces apply a lighter wet coat, followed by second light coat.
 Avoid excessive working of the sealer as this will cause foaming.

Drying:

Keep surface dry and free of traffic for 2 hours after application. Full protection will be at 72 hours.

Tiles can be laid after 24 hours.

Coverage:

Porous surfaces first coat approximately up to 4 square metres per litre, 2nd 4-6 square metres per litre.

Dense surfaces 7-10 square metres per litre.

Clean Up:

White spirits.

Maintenance details:

see the General Cleaning Guidelines For All Surfaces Technical Data Sheet on solutionssealers.com.au.

Shelf life:

2 years from purchase in an unopened container – test contents after this time.

Packaging:

1lt, 4lt, 10lt, 20lt, 200lt



PRECAUTIONS/LIMITATIONS:

- Test product for suitability of sealer on your surface
- Some surfaces will darken especially volcanic stone
- Surface temperature to be between 5 and 35 degrees C
- Do not apply sealer if rain is expected within 12 hours
- Full protection will develop at 72 hours
- Allow 2 hours before foot traffic
- Tape up or cover areas close to the surface to be sealed
- Will no seal cracks in the surface
- Uneven or improper application may result in inconsistent performance
- Will not stop tannin (vegetation) or bird faeces staining
- Consolidate is a pre-sealer and densifier and will not give stain protection
- Contaminants left on the surface for a long period will penetrate the sealed surface
- Sealer will not prevent surface etching or wear
- Do not use harsh chemicals for cleaning

PRODUCT WARRANTY

Contact Solutions Sealers for warranty details. Warranty for this product is available for 15 years and requires the use of an approved applicator with maintenance requirements.


This product is warranted to be free of defects in material and workmanship. This product is manufactured in accordance with Solutions Sealers quality control standards. All technical data, manuals, statements and suggestions are based on in house & field testing. All information obtained herein is believed to be true & correct but accuracy and completeness of the said tests are not guaranteed and or not to be construed as a warranty or guarantee of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend on many factors that are beyond Solutions Sealers control.

SAFETY INFORMATION

Refer to safety data sheet for full details.
Available on www.solutionssealers.com

Ingredients	CAS Number	Proportion	Exposure Standards TWA	Exposure Standards STEL
Ethanol	64-17-5	30 - 60 % w/w	none established	none established
Tetraethyl silicate	various	To 100 % w/w	Ethanol: 1000ppm 1880mg/m3	none established

Transport Information

ADG	CLASS 3 .2 FLAMMABLE	
IMDG Marine Pollutant	No	
HAZCHEM	3YE	
Land Transport (ADG)		
UN Number	1263	
Proper Shipping Name	PAINTS	
ADG Code	CLASS 3 FLAMMABLE	
HAZCHEM Code	3YE	
Packing Group	II	

Regulatory Information

GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	S5 (PAINTS - EXEMPT)
ADG Code	CLASS 3 FLAMMABLE
AICIS	All ingredients present on AICS.

