

Primer OP2N-1

Introduction

Primer OP2N-1 is a complex solvent solution of a silicone resin based primer specially developed for use with 1-Part Condensation cure room temperature vulcanising (RTV) silicone adhesives.

It is recommended for improved adhesion to most plastics, rubbers and composites.

For all new applications, it is recommended that customers carry out small-scale tests in order to determine the suitability of the primer and the strength of bond produced.

Key Features

- **For use with ACC RTV sealants**
- **Suitable for use with most plastics**
- **Suitable for use with most rubbers natural and synthetic**

How to Use

Select the primer of choice or contact ACC Silicones for advice on the best primer for a specific application.

Degrease all surfaces to which the primer and silicone adhesive are to be applied. Care should be taken to avoid high boiling point solvent fractions, which often leave undesirable residues.

Allow the surface to dry or wipe dry with a clean, felt-free rag.

If applying by brush, apply sparingly and clean brushes in a suitable solvent after use.

Apply primer to the degreased dry surface to be bonded using single light applications.

If possible avoid multiple application – a thin uniform film of primer is more effective.

After sufficient surface coverage has been achieved, close the primer container or replace the cover.

Leave primed articles to dry and cure for 20 minutes minimum and 40 minutes maximum; depending on ambient temperature conditions (the use of elevated temperatures is not recommended).

Apply adhesive to one primed surface and immediately bring the other primed (or unprimed if desired) surface into contact. Apply gentle pressure to attain intimate contact, whilst leaving sufficient sealant (normally a minimum of 1mm) to produce a good joint.

Property	Test Method	Value
Colour:		Clear
Appearance:		Liquid
Viscosity at 25°C:	ASTM D445-60	1.52 mPas
Flash Point:	ISO 6719	-3°C
Density at 25°C:	BS 5350 Part B1	0.91g/cm³
Tack Free Time:		20 minutes *

* measured at 23+/-2°C and 50 to 60% relative humidity.

All values are typical and should not be accepted as a specification.

Health and Safety –

Note: Always handle in a well ventilated area away from any sources of ignition

Material Safety Data Sheets available on request. Customers are advised to read this information carefully before use.

Packages – Available in: - 500 ml, non returnable containers. Please check with the sales office for stock packaging for this product.

Storage and Shelf Life – Expected to be 6 months when stored in original, unopened containers between 5 and 25°C.

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