



ASTM C920

1st NEUTRAL N-100 A universal, superior one-component, neutral system silicone sealant that cures to form a high performance elastic silicone rubber seal. Highly recommended for sensitive surfaces or coatings.

CHARACTERISTICS

- Very easy application
- Permanent colours, UV-resistant.
- Stays permanently elastic after curing.
- Almost no smell
- Non staining to aluminium, stainless steel and most metals.

APPLICATION AREAS:

- Superior adhesion and durability in glazing.
- Weather sealing.
- Suitable for sealing metal lap joints in roofing and guttering applications.
- Bonds well to form a strong weatherproof seal on building materials such as aluminium, galvanized and zinc-coated steel, painted surfaces, brick, glass and concrete.
- Excellent resistance to weathering and UV.
- Suitable for kitchen and air-con duct.
- Exhaust, kitchen and car park area.

SHELF LIFE:

- Store unopened packages up to 6 months in a cool, dry storage place between +5°C to +25°C.

SURFACES

Substrate:

All usual building surfaces

State of Surface:

Clean, dry and grease-free

JOINT SIZE

Minimum Width:

5mm

Maximum Width:

30mm

Minimum Depth:

5mm

Recommendation:

2 x depth = width

APPLICATION

Application Method:

Applicator gun

Application Temperature:

+1°C - + 50°C

Repair with:

1st Neutral N-100

TECHNICAL DATA

Base:	Polysiloxane
Consistency:	Stable paste
Curing System:	Moisture Cure
Skinning Time:	ca 10minutes (20°C/65% R.H.)
Curing Time:	1mm/24hours (20°C/65% R.H.)
Hardness:	25 ± 5 Shore A
Shrinking:	None
Specific gravity:	1.03 – 1.36
Temperature Resistance:	-50°C until + 150°C
Elastical Recovery:	>80%
Elongation at Break:	800%
Elasticity Modulus:	100%: 0.40 N/mm sq
Maximum deformation:	25%
Maximum tension:	1.50% N/mm sq

