



# PRODUCT BULLETIN

## N7400 NEUTRAL

### Multi-Purpose Silicone Sealant

#### DESCRIPTION

STRONG SEAL N7400 MP NEUTRAL CURE SEALANT is a single component neutral cure silicone sealant which vulcanizes on exposure to moisture in the air at room temperature, to produce a flexible low modulus elastomeric sealant. It is a cost effective multipurpose NEUTRAL sealant offering long term durability in a range of general sealing, general glazing, and Professional Trade Applications. It has excellent adhesion to most common building materials like Glass, Glazed surface, painted wood, Aluminium and other metals, masonry, concrete, GRP, u-PVC, and some plastics. STRONG SEAL 3110 is non-corrosive hence suitable for application where bare metals are used.

#### KEY PERFORMANCE PROPERTIES

- ❖ Easy to use one component type. No surface pre-treatment or primer required, however for optimum adhesion to some substrates primer can be used based on testing conducted by the end user.
- ❖ Cures at room temperature at ambient humidity conditions.
- ❖ Outstanding adhesiveness to many substrates, including Glass, Ceramics, Aluminium, Masonry, Concrete, porous materials like marble Granite, Plastics like ABS, PC etc.
- ❖ Non-corrosive and excellent durability and resistance to weathering, moisture, ozone etc...
- ❖ Anti-Fungus grade, suitable for Interior and Exterior and sanitary applications
- ❖ All temperature Gunnability – can be applied in all temperatures.

#### TYPICAL PROPERTIES

Colour	White, Clear, Brown, Grey, Beige, Cream & Clear translucent
Consistency	Non-Slump Paste
Cross Linking System	oxime cure
Skin Forming Time	7 minutes
Tack Free Time	13 minutes
Specific Gravity	≤ 1
Hardness (Shore A)	20
Depth Cure Rate (mm/Day)	2.4
Viscosity Flow	Non Sag
Tooling Time	13
Tensile Strength	1
Elongation %	> 550%
Young Modulus	0.22
Application Temperature Range	- 20°C to 200°C
Elastic Recovery, % Approx.	>70
Tear Strength ASTM D 624, Form B	5N/mm <sup>2</sup>
Shrinkage DIN 53504 S3A	20%
Shelf life in months from production date	12 Months
Movement Capability ASTM C719	± 20%

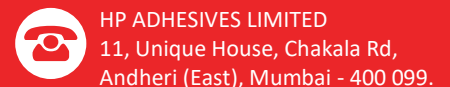
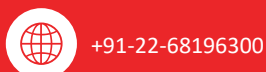


#### USAGE METHODS

Substrate preparation: All surfaces must be clean and dry, degrease and wash off any contaminants that could impair adhesion. After suitable joint preparation and masking, attach the nozzle to cartridge, cut to required dimension and the sealant is gunned into gap continuously and tooled within 5 minutes.

#### USABLE LIFE AND STORAGE

Product should be stored at or below 25°C (77°F) in original, unopened containers. As Strong Seal Silicone Sealant cures by reaction with moisture in air, keep the container tightly sealed when not in use. A plug of used material may form in the tip of a tube or cartridge during storage. This is easily removed and does not affect the remaining contents if used within 24 Hours. However, storing used one for a long time may make the product unsuitable.





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#### LIMITATIONS:

- Do not use for structural glazing.
- Not recommended for expansion joints where high movement is expected.
- Not recommended for use in below-ground joints or trafficable joints where abrasion and physical abuse are encountered.
- Cannot be painted, as paint will not adhere to sealant.
- Not recommended for use on polycarbonate plastic sheeting, suitability for use on other types of plastic should be tested prior to application. Sealant cures by contact with moisture vapor in the air. Not recommended for use in closed or confined areas where sealant cure may be inhibited by lack of air.
- Do not use in the manufacture of insulated glass (IG) units.

**LIMITED WARRANTY INFORMATION** – PLEASE READ CAREFULLY the information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Manufacturer's sole warranty is that our products will meet the sales specifications in effect at the time of shipment. Warranty is also valid if the products are stored as per the instructions given in our manual. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.



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