

APPLICATION DATA SHEET



ENVIROGRAF®

AP062-10-2019

Product Number: 62

Silicone Sealant

Description:

Supplied as a one part, ready to use, flexible, halogen free Silicone sealant, which reacts with atmospheric moisture to form a durable, flexible seal. Neutral curing system; almost odourless. Adheres to water based and solvent based paints, no plasticizer migration. Non corrosive to metals. Primer-less adhesion to most materials.

Application:

High performance sealant for most glazing, sealing, bonding, repairing tasks. For use at joints between many building elements and materials giving a water and gas tight seal. Supplied in 310ml tubes, available in Black, White, Brown, Grey, Clear and suitable for alkaline substrates such as concrete, mortar and fibre cement.

Tack Free Time at 23°C/50% relative humidity:	120 Minutes
Skin Forming Time at 23°C/50% relative humidity:	15-30 Minutes
Shrinkage on Cure ISO 7 390, Profile U 20non-sag.	

Performance of Envirograf Silicone In Building Works:

This product was used in a number of fire resistance tests employing the general procedures and criteria or BS476: Part 22: 1987. It was used for sealing around a number of penetrations and expansion joints. Integrity ratings of up to 240 minutes were achieved.

Envirograf® Silicone Sealant has been tested in fire furnaces for up to 4 hours at 1200°C, where joints in walls are sealed and any vapours burn off in the furnace to leave the fireproof seal.

This silicone sealant product can be used on heating stoves but it **MUST NOT BE USED NEAR NAKED FLAMES OR HOT GASES** as this can cause the silicone to have a **VERY SMALL BLUE FLAME** & the silicone can turn to a powder.

For every 10mm thickness of silicone, 3-5 days must be allowed for the vapour to clear before using the heating stove.