GSM Construction Chemicals

GSM Acetoxy

General Purpose Acetoxy Silicone Sealant

Technical Datasheet

Product Description

GSM Acetoxy is a multi-purpose, ready to use silicone sealant based on acid curing with a very good adhesion to many surfaces. It has excellent UV and weather resistance.

Applications

GSM Acetoxy is suitable for top sealing in glazing systems, and connecting joints in buildings. it can be used to seal assemblies of glass, glazed surfaces, porcelain coated metals, epoxy, aluminium and finished wood.

Features

. Excellent UV and weather resistance.

. Good adhesion to many surfaces.

. anti-Bacterial action.

Technical Specification

Physical properties	Test Method	Typical Value
Basis : One part moisture cure silicone sealant		
Specifc gravity		0.96
Flow (sag or slump)	ASTM C-639-01	Non sag
Skin Forming time		5 minutes
Tack free time	ASTM C-679-87	20 minutes
Depth cure		2mm/day
Tensile strength (N/mm2)	ASTM C-412-98a	0.5
Elongation	ASTM C-412-98a	>350%
Hardness, shore A	ASTM D-2240-97	20
Service Temperature		-40^{0}C to +200^{0}C
Application Temperature		-40^{0}C to +200^{0}C
Exrusion Rate	ASTM C-1183	20 sec
Toxicit		None
Stability		12 months
Chalking & Cracking		None

Note : Information on this datasheet is subject to change without notice and should not be used for writing specification. For additional information on specific applications, please contact Gast Solar Mechanics PLC

Technical Datasheet



Important Information :

Not Recommended for application on concrete, marble, lead, copper, galvanized steel and not for PE, PP, teflon and Bituminous surfaces. It is also not paintable.

Safety

Safety data sheet available upon request.

Colors

GSM Silicone Sealant is available in transparent, black, white and cream color. Other colors are available upon request.

Packaging

300ml cartridge.

Storage and Shelf life

GSM Silicone sealant has a shelf life of 12 months from date of production when stored in the original unopened containers at or below 35°c. In countries where high heat and humidity are a factor, special precautions must be taken to store the product in a covered, well-ventilated warehouse and avoid excessive heat conditions.

This technical data sheet is given in good faith and does not guarantee the applicationwork. All GSM technical data sheets & method statements are updated on a regular basis and can be subject to change without notice. It is the users responsibility to obtain the latest version of the information required.

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GSM Construction Chemicals

GSM Neutral

General Purpose Neutral Silicone Sealant

Technical Datasheet

Product Description

GSM Neutral is a versatile one component, 100% silicone sealant for sealing building joints and glazing systems and has excellent UV and weather resistance. GSm Neutral cures with with atmospheric moisture to form a durable rubber seal.

Applications

GSM Neutral is suitable for :

. Joint sealing to precast concrete and brickwork.

. Perimeter and curtain wall sealing, glazing systems and cap beading.

. Kitchens, bathrooms and showes.

. Industrial applications where growth of funi need to be controlled.

Features

. Excellent UV and weather resistance.

Technical Specification

Physical properties	Test Method	Typical Value
Basis : One part moisture cure silicone sealant		
Specifc gravity		1.0-1.3
Flow (sag or slump)	ASTM C-639-01	Non sag
Skin Forming time		5 minutes
Tack free time	ASTM C-679-87	30 minutes
Depth cure		2mm/day
Elongation, %	ASTM C-412-98a	>350%
Hardness, shore A	ASTM D-2240-97	205
Service Temperature		-40^{0}C to +200^{0}C
Application Temperature		-5^{0}C to + 50^{0}C
Exrusion Rate	ASTM C-1183	20 sec
Toxicit		None
Stability		12 months
Chalking & Cracking		None

Note : Information on this datasheet is subject to change without notice and should not be used for writing specification. For additional information on specific applications, please contact Gast Solar Mechanics PLC

Technical Datasheet



Important Information :

GSM Neutral is not Recommended for aquarium, PMMA, PE, PP, teflon and Bituminous surfaces and wax or paraffin containing surfaces, It is also not paintable.

Safety

Safety data sheet available upon request.

Colors

GSM Silicone Sealant is available in transparent, black, white and cream color. Other colors are available upon request.

Packaging

300ml cartridge.

Storage and Shelf life

GSM Silicone sealant has a shelf life of 12 months from date of production when stored in the original unopened containers at or below 35°c. In countries where high heat and humidity are a factor, special precautions must be taken to store the product in a covered, well-ventilated warehouse and avoid excessive heat conditions.

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