

Key Features

- Easy to use
- Thickens Addition Cure Silicones
- Turns liquid silicone to brush on consistency
- Ideal for use on vertical surfaces

Product Description

Special thixotropic additive for our Addition Cure Silicone Rubber used to increase the thixotropy of the rubber in its liquid state making it possible to brush apply the silicone even onto vertical surfaces.

Uses

Ideal for taking silicone moulds off original pieces 'in situ' (such as architectural features) and for creating re-usable silicone bags for vacuum bagging.

Properties

The table below shows the typical unmixed properties:

Property	Units	Result
Appearance	-	Clear, Colourless liquid
Odour	-	Odourless
Viscosity	mPas	30.0
Max Service Temp	°C	250

How to Use

By adding the ASX1 Thixotropic additive, an addition cure silicone rubber can be used to take a dimensionally accurate and highly detailed mould of any architectural feature, in situ, in order to create identical copies of the original feature.

For overhead mouldings or mouldings where constructing an enclosure is not practical ASX1 Thixotropic Additive can be added to the silicone to make it very thick and 'clingy' allowing it to be brushed directly onto the surface to be moulded. When applying the silicone in this way catalyst should also be used to ensure that each application of the silicone can partially cure before the next application is made, aiming to build up around 1cm in thickness. Always apply subsequent layers before the previous layer has fully cured to ensure best inter-layer strength.

For application in this way, mix with our Addition Cure Silicone Rubber at between 1 and 3%, depending on how thixotropic you want the silicone to be. Mix thoroughly before adding the catalyst. Mix the catalyst in thoroughly and then apply directly onto the moulding using a brush with a stippling action at first to ensure that the silicone makes contact with all the detail and crevices of the moulding.

Once cured, the silicone can be peeled off the moulding but will need to be supported (often using a fibreglass jacket) in order to preserve its shape.

Transport and Storage

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

If stored under the above conditions ASX1 Thixotropic additive will have a shelf life of 12 months, from the date of production.

Disclaimer

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

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