

TECHNICAL DATA SHEET

PRODUCT: THIXOTROPIC ADDITIVE FOR ADDITION CURE SILICONE

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.

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

METHOD OF USE RTV 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 Thixotropic Additive can be added to the silicone to make it very thick and 'clingy' allowing it to be brushes directly onto the surface to be moulded. When applying the silicone in this way accelerator 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.

STORAGE Thixotropic Additive should be stored in original, unopened containers between 15 and 25°C. KEEP THE PACKING TIGHTLY SEALED WHEN NOT IN USE.

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

Our technical advice, whether verbal, or in writing is given in good faith, but without warranty - this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by Easy Composites as to their suitability for the intended processes and uses.

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