

THIXOTROPIC ADDITIVES

1. DESCRIPTION

A range of thixotropic additives designed for various silicone elastomer systems as a third part additive. On addition to the catalysed mix the silicone is thickened to enable application by brush or pallet knife.

2. ADVANTAGES

- Variable thixotropy
- Pigmented for easy mixing
- Can be used with a variety of RTV C type rubbers.
- May be used with accelerators.

3. APPLICATIONS

Applications where only a thin skin is required and pouring is either not possible or not desired.

4. CHARACTERISTICS

a) CONSTITUENTS:

	T.C.	H.T.C.
Appearance	Fluid	Fluid
Colour	Blue or clear	Red or clear
Recommended elastomer	RTV C201 RTV C270	RTV C201 C204, C270
Amount/ %w/w	2% thin 4% thick	2% thick
Viscosity / cps	1,700	1,500
Density/gcm ⁻³	1.03	1.01

b) MIXING:

After first mixing both RTV and catalyst together, add the additive and mix thoroughly until the colouration is uniform. The flowing nature of the mixture will be significantly reduced to allow application to a vertical surface.

c) APPLICATION:

The mould is built up in layers; each layer being applied once the previous one has jelled. The first layer should be applied with care to prevent air entrapment and is generally a thin layer (ie using only small amount of Additive). Both additive TC and HTC may be used in alternate layers to aid coverage.

*** These instructions are no substitute for you own tests in familiarizing yourself with the product and what can be achieved with it. ***

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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5. PACKING

Additives TC, HTC and XTC are available in 100gm, 250gm, 500gm and 1kg and 5kg packs.

6. HEALTH & SAFETY

(Refer to Health & Safety Data Sheet)

The use of these products necessitates certain precautions. While using do not eat, drink or smoke. Avoid swallowing, contact with skin and eyes. In case of contact with eyes, rinse with clean water immediately and seek medical assistance.

7. SHELF LIFE

Additive TC and HTC have a minimum shelf life of six months when stored in the original unopened containers at a temperature between 18°C and 30°C.

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