

DALCHEM Taxidermy Foam

Dalchem Taxidermy Foam has been specially designed for taxidermy type applications

Colour:	Yellow liquid
Mix Ratio:	100:100 (Polyol:Iso) by weight
Viscosity:	<950 cps mixed
Specific Gravity:	Polyol 1.15, Iso 1.22
Mix Time:	20 seconds
Cream Time:	120 seconds
Gel Time:	270 seconds
Tack Free Time:	420 seconds
Free Rise Density:	65 kg/ m ³ . Volume expansion approx 15x





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Mixing & Application Guidelines

To produce a high quality foam it is important to follow the mixing procedure carefully.

Accurately weigh each component into the same clean dry container. The reaction will essentially begin to take place now the products are together.

Mix the products with an electric drill /paint mixer. It is important to mix at a minimum of 200rpm to produce good quality foam.

Mix for 10-15 seconds typically. Note: Be aware that cream time of the foam will vary depending on batch size, ambient temperature and original chemical storage temperature.

Product should be fully mixed and poured before the cream time is reached.

Moulds

Always use a release agent on the mould. We recommend a wax based release.

Ensure release is reapplied before each moulding.

If conditioning a new mould with a solvent based system, ensure no residual solvent remains in the mould.

Mould temperatures over 30°C will produce a foam with less skin.

As foam generates pressure within the mould, it is usually necessary to incorporate small venting holes in the mould to control ventilation. Excessive venting can cause large voids below the surface skin of the foam. Articulate the mould so vent points are at the high point on the mould if possible.

Please contact your Dalchem representative for specialist application advice.

Note all data given is based on laboratory testing at 20°C.