

TRIDENT FOAMS LIMITED



✕TRIPOR ✕TRICAST ✕TANCAST ✕AUTOFROTH ✕AUTOPOR ✕MHD

TRIPOR 224

'Tripor 224' is a high density, rigid foam system which may be used to manufacture mouldings. It is also suitable for structural infill of fibreglass components, and relies on the thorough mixing of two low viscosity liquids by either hand or machine mix techniques.

'Tripor 224' contains no CFC's or HCFC's and therefore has an Ozone Depletion Potential (O.D.P.) of zero.

FOAM MANUFACTURE

The foam is produced by the mixing together of the two Components A and B at a ratio of 1 to 1.1 by weight. In hand mixing the Component A should be pre-mixed for at least one minute to aerate it, before mixing with the Component B. After mixing the foam should be immediately transferred to the mould or cavity to be filled, pouring should be finished before there is any significant amount of expansion. The foam should be processed between the temperatures of 18 - 25⁰C. The following times are typical for an ambient temperature of 20⁰C (68⁰F). Lower temperatures will give slower reaction, higher temperature faster. Reaction times will also be affected by the bulk mixed, larger amount will give shorter times, small amounts longer times.

Mixing Time	40 seconds	
Cream Time	75 seconds	(from start of mixing to start of rise)
Tack Free Time	450 seconds	(from start of mixing till surface can be lightly touched without foam sticking)
Rise Time	350 seconds	(from start of mixing to end of rise)
Core Density (Free rise)	175kg/M ³	(weight of foam piece cut from test block divided by volume of foam piece)
Ratio	1:1.1	(by weight)

STORAGE & HANDLING

It is extremely important that the drums should be re-sealed immediately after use to prevent the entry of moisture which will adversely affect the resultant foam. The shelf life of the materials is four months when stored in sealed drums within the recommended temperature range of 10 - 30⁰C, but users are recommended not to hold in stock longer than necessary.

PLEASE SEE THE SEPARATE MATERIAL SAFETY DATA SHEETS BEFORE USING THESE PRODUCTS.

The data contained in this sheet is to our knowledge true and accurate but recommendations are made without guarantee or warranty since application and conditions are outside our control. It is suggested that users should carry out their own tests to ensure 'Tripor' meets their requirements.

BKB House, Goyt Valley Industrial Estate, Off Station Road, Furness Vale, High Peak, SK23 7SN.
Tel 44 (0) 1663 740120 Fax 44 (0) 1663 740121
Registered in England No.2026997 Directors: C.P.Kenyon MD, C.F.Kenyon

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