

TRIDENT

FOAMS LIMITED



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

TRIPOR 207

'Tripor 207' is a high density, rigid foam system which may be poured in place to fill cavities. It is ideally suitable for model and pattern-making applications. The system relies on the thorough mixing of two low viscosity liquids by either hand or machine mix techniques.

'Tripor 207' 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 of 1 to 1.1 by weight. In hand mixing the stirring time should be 50 seconds after which the mix should immediately be transferred to the 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 15 - 25°C. The following times are appropriate for an ambient temperature of 20°C (68°F). 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	50 seconds	
Cream Time	105 seconds	(from start of mixing to start of rise)
Tack Free Time	300 seconds	(from start of mixing till surface can be lightly touched without foam sticking)
Rise Time	210 seconds	(from start of mixing to end of rise)
Core Density (Free rise)	120kg/M ³	(weight of foam piece cut from test piece 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 at least four months when stored in sealed drums within the recommended temperature range of 10 - 30°C.

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.

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