

TRIDENT FOAMS LIMITED



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

TRIPOR 242

'Tripor 242' is a specially formulated low density, rigid foam system which may be poured in place to fill large cavities. It relies on the thorough mixing of two low viscosity liquids by either hand or machine mix techniques, and is not suitable for use in small quantities (<10 kg total).

'Tripor 242' 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 1.3 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 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 - 22°C.

The following times are typical for a Quality Control procedure for the checking of cream, string and rise times and measurement of the free rise density. The test is conducted at a temperature of 20°C using 30 grams of Component A and 39 grams of Component B mixed together in a cup of approximately 570 ml. volume, stirred intensively for 8 seconds using a high speed stirrer. Immediately after mixing the chemicals are transferred to a second 570 ml cup.

Mixing Time	8 seconds	
Cream Time	17-20 seconds	(from start of mixing to start of rise)
String Time	55-65 seconds	(from start of mixing to when a thread can be drawn from the rising foam with an inserted rod)
Rise Time	80-100 seconds	(from start of mixing to end of rise)
Density (free rise)	41-43 kg/M ³	(weight of cups contents divided by volume of cup after removing head)
Core Density (free rise)	35-40 kg/M ³	(weight of a piece cut from a test block divided by volume of the cut piece)
Ratio	1:1.3	(by weight)

STORAGE & HANDLING

It is extremely important that containers 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 - 30°C, but users are recommended not to hold in stock longer than necessary.

PLEASE SEE THE SEPARATE 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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