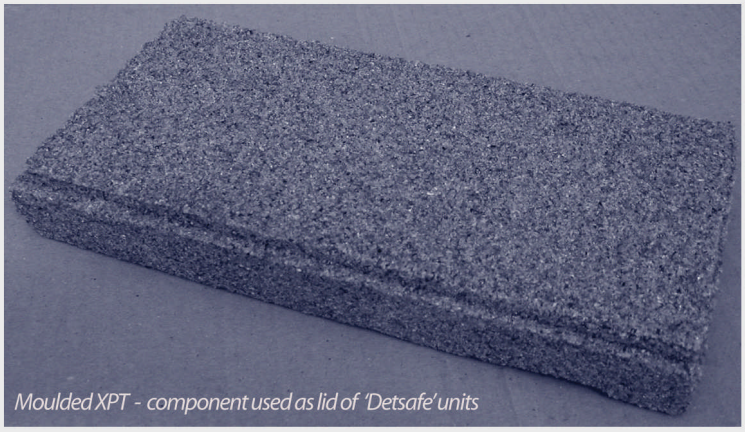
# XPT - Blast Mitigation Material



*Moulded XPT - component used as lid of 'Detsafe' units*

## XPT - Blast Mitigation Material

XPT 'eXplosion Protection Technology' is a porous resin bonded aggregate that is used to absorb and attenuate the effects of explosive shockwaves.

A sacrificial system, XPT traps blast energy and expends it through a series of distinct mechanisms.

## Key Features:

XPT is a two part system containing a specific graded aggregate and a coating of resin that is typically only 1 molecule thick. This connects the particles, but leaves the material porous, allowing the blast energy to be readily absorbed.

XPT can be produced as standard 0.5 x 0.5m flat panels or moulded to meet specific requirements.

XPT can be cut and shaped using typical building site/ workshop tools.

It is durable, heat resistant, drains easily and is tolerant to freeze/ thaw.

XPT is typically used in thicknesses between 10mm and 30mm.

XPT Density: 1.6 g/cc

The material has demonstrated its capability over a wide range of applications including munitions packaging, vehicle underside protection, wall cladding and in units to contain postal IEDs.

*Applications and products incorporating the XPT material*

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