

## Tear indicator 70x70 with fire tape



### Description:

For fire-proofing of expansion joints tear indicator with pre-glued fire tape on both sides are delivered. The solution works regardless of where the movement occurs in the joint. In a fire situation, it expands three-dimensionally to a minimum of 30 times its own thickness, forming a pressure-tight joint to prevent the fire from spreading. The fire tape is reinforced and self-adhesive on one side. A fast, cost effective and durable system as an alternative to more traditional methods.

Tear indicator is screwed onto PE foam with clamping screws 35mm or glued to membrane with Pretec Polyfix T1 to inside tunnel to allow guidance for shotcrete shrinkage. One side of the angle is regularly split to allow it to follow the wanted profile of the tunnel avoiding deformation. As the fire tape is pre-mounted to tear indicator under dry and warm conditions we can ensure good adhesion between tape and plastic angle which has been a challenge before when this was done at site.

Fire performance is not affected by moist, wetness, solvents, over-painting and low temperatures.

### Technical information:

Tear indicator: HDPE. Color: black

Fire tape: Graphite-based, fibre-free and fire retardant. Dimension 20x1,5 mm

Manufactured to requirements in DIN 4102-B2. approved by DIBt – Center of Competence in Civil Engineering. Tested according to EOTA TR 024 (chapter 4.2.3). Approval report available on request.

### Stock programme:

70x70x3000 mm

### Accessories:

Clamp screw L=35 mm

Fiber cloth/Fire protection cloth