**FloodKit® FloodFoam®**

**FloodFoam®** is Soft Spongy closed cell expanding foam that creates a water barrier that springs back – recovers when compressed making it ideal for sealing purposes. It also has acoustic properties to 60db



Supplied in the Genius Gun Can it is a one-component, self-expanding, ready to use polyurethane foam without the need for separate applicators. The product has minimal expansion after application (less than 50%) and is therefore very economical to use.

**FloodKit® FloodFoam® is much more elastic than standard PU-foam:** and has a very high Acoustic Rating value.

**Elastic Recovery (ISO 1856) is up to 90%** if the foam is compressed by 75%.

**Note:** Traditional PU-foam does not have any recovery if the compression is higher than 10%.

**Elongation at break is 3 x that of traditional foam**. The maximum elongation before breaking (DIN 18540) is about 45% compared to 15% for traditional PU-foam.

**FloodFoam®** follows the movements of the joint and retains its insulating properties over the years, especially in smaller joints (e.g. 2 to 3 cm wide). The maximum movement allowed for traditional builders foam before breaking is only 2mm for compression or 3mm elongation and after several years this will reduce by up to 50%. Therefore joint movements will eventually cause a traditional ‘builders expanding foam’ to breakup or shear allowing water to enter.

Due to the flexibility and elasticity properties **FloodFoam®** maintains its characteristics much better over time.

Inbuilt gun comes complete with cap to seal nozzle so can be used for up to 3 weeks after first use.



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