

## Waterproof Expansion Joints Solution Description of Flexjoint activities

Flexjoint Switzerland is a globally recognized leading supplier of waterproof expansion joints for roofing and waterproofing applications. Flexjoint waterproof expansion joints are specifically designed and engineered for use in a wide variety of applications, ranging from single ply membrane tie-ins to large-scale displacement seismic joints.

Our solutions are compatible with, hot rubberized asphalt, modified bitumen, asphalt based membranes as well as cold adhesives.

### Roofing & Waterproofing – New or Retrofit

Expansion joint are present in all types of buildings. Expansion joints found in roofing have been a leading cause of leaks.

Flexjoint has solved this problem. Our waterproofing expansions joint provide a continuous monolithic waterproof expansion joint system, without the use of adhesives, glues and clamping plates. All Flexjoint expansion joint can be used in new or retrofit roofing and waterproofing constructions.

### Flat Profile – No Raised Curbs - *distinct USP*

The conventional expansion joint is not waterproofed. Its raised profile is a result of necessity, since the assembly provide any waterproofing protection. The conventional expansion joint is constructed from wood nailers and is capped off only with metal flashing.

All Flexjoint expansion joints are waterproof, which not only waterproofs the joint, but also seals the building's interior from the elements.

### Water Drainage – No Pounding Water

Pounding water is one of the leading causes of membrane deterioration in roofing and waterproofing. The raised curb of the conventional expansion joint restricts the free flow of water to drainage points.

Flexjoint's flat joint profile allows for water drainage and incorporation of the joint detail into the roof construction, without obtrusive raised curbs to restrict water flow.

## **A Monolithic Joint – Vulcanized Seams - distinct USP**

Conventional expansion joints fail at the seams. The seam is the most vulnerable part and requires continuous maintenance throughout its service life.

All Flexjoint expansion joints are manufactured from an elastomer which allows for the vulcanisation of joint pieces, resulting in a monolithic joint which is seamless and maintenance free. The result seam is as elastic as the base material.

## **Custom Details – Factory Fabricated to Site Conditions**

The layout of expansion joints do not follow straight lines. Frequently they are laid out along column lines and zigzag from column to column. The layout of such expansion joint requires a considerable detailing effort at changes in direction, as well as at their termination.

Flexjoint joints can be custom fabricated to conform to any site detail, no matter how complex. One of the features of a Flexjoint joint is it reduces a 3 dimensional detailing problem to 2 dimensional.

## **Labor Savings – Efficient Installation**

The construction of conventional expansion joint are labour intensive. Typical expansion joint construction has a number of different components, including wooden nailers, and metal flashing, all very time consuming.

Flexjoint expansion joints are delivered to the contractor with all details included in one seamless roll. Installation is quick and problem free, requiring no on site seaming or detailing.

Flexjoint's FlamLINE, waterproof expansion joints are rapidly becoming the industry standard in quality assurance and reliability for monolithic, seamless, zero profile, maintenance free expansion joints in commercial and industrial roofing and waterproofing. In addition, Flexjoint offers extensive in-house technical and design assistance as well as on demand technical site support for all its products.

***Please contact for further details our website “[www.flexjoint.ch](http://www.flexjoint.ch)”***