



The Chemical Company

# YKS DİLATASYON BANDI

## Water Impermeable Elastic Dilation Band For Expansion Joints

### Description of Product

**YKS DiLATASYON BANDI** is a joint and dilation insulation band made from thermoplastic elastomer in the middle, polyester net bearing in the sides, and used for filling and insulating expansion joints.

### Fields of Application

- In pools.
- In water tanks.
- In purification plants.
- In tunnel segments.
- In balconies and parapets.
- In terraces and roof finishes.
- In dilation joints for safe insulation with mastic.
- For compensating and insulating movements in cold joints and dynamic cracks formed on pavements and curtains with its elastic structure.

### Features and Benefits

- Easy to use.
- Continuous insulation.
- Resist to many chemical materials.
- Resistant to ozone and UV.

### Application Procedure

#### Preparation of Substrate

In dilation joints, inner and outer surfaces must be strong, dry, bearing, dustless, clean, and also in balance. Surface must be cleaned off all kinds of oil, grease, rust, and paraffin traces that can weaken adherence and no loose particles must be present. Disordered surface must be repaired by **Concresive® 1406**. After joints are filled by **Masterflex® 700**, **Sonolastic® NP1** or **Masterflex® 474**, and curing is finished, **YKS DiLATASYON BANDI** can be applied.

### Technical Data

	YKS Dilation Band 200	YKS Dilation Band 150	YKS Dilation Band 100	YKS Dilation Band 50
Dimensions (a x b x c) (mm)	350 x 250 x 200	300 x 200 x 150	250 x 150 x 100	200 x 100 x 50
Thickness (mm)	2	2	1	1
Elongation in Rupture (Transverse %)	%300			
Resistance to Puncture	2,0 bar			
Resistance to Pressurized Water	1,5 bar			
Service Temperature	-30°C +90°C			



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## Application Method

**Concresive® 1406** is applied on outer surfaces of dilation joint avoiding smearing flexible middle part of **YKS DİLATASYON BANDI**. After **YKS DİLATASYON BANDI** is put on the joint, the second layer of adhesive is applied like the first layer. By pressing with roll, polyester net bearing sides except from flexible middle part are covered well. Attention not to smear adhesive on flexible middle part in order to obtain desired elongation from **YKS DİLATASYON BANDI**.

## Watchpoints

- To obtain desired elongation from **YKS DİLATASYON BANDI**, only polyester net bearing parts must be adhered. Attention not to smear adhesive on thermoplastic, flexible middle part.
- Before **YKS DİLATASYON BANDI** application, primer must be applied.
- After the application, applied insulations must be positioned on top of **YKS DİLATASYON BANDI**.

## Cleaning of Tools

See **Concresive® 1406**

## Packaging

In 30 m box

## Storage

Must be stored in unopened original packing, and in cool and dry environment protected from freezing. In short-term storing, maximum 3 palettes can be stowed on top of each other and delivery has to be according to first in first out system. In long-term storing, the palettes must not be stowed on top of each other.

## Shelf Life

There is no time limit after the production date under appropriate storing conditions. Opened packages may be used during the shelf life if stored by tightly sealing the cover.

## Health and Safety Precautions

See **Concresive® 1406**

## Disclaimer

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