

# EUCOPREV AKTIBLADE PRO

## METAL SHEET WITH FLEXIBLE COATING AND BROADCASTED GRANULATES FOR SEALING OF CONSTRUCTION JOINTS

### FIELD OF APPLICATION

EUCOPREV AKTIBLADE PRO is a joint sealing galvanized metal sheet with a flexible coating and broadcasted granulates on it. The element has a length of 2000 mm and a height of 150 mm. The total thickness is approx. 1.9 mm. EUCOPREV AKTIBLADE PRO has a very special elastic coating on both sides.

EUCOPREV AKTIBLADE PRO is used for permanent waterproofing against pressurized water in construction joints, concrete casting joints of walls/floor slabs. In addition, the joint element is also used to seal concrete construction joints of wall/wall, floor/floor, wall/ceiling in general construction and civil engineering.

### BENEFITS & FEATURES

The special elastic coating on the sheet is broadcasted with a special granulate to create a improved mechanical bonding to fresh concrete. The surface-enhancing coating results in a drastic increase in the path of the water, and the effect of sintering the fresh concrete onto the adhesive composite layer is also achieved.

Compared to other product systems, EUCOPREV AKTIBLADE PRO has a protective film on the coating that dissolves in contact with the water of the concrete. No need to remove a protection foil is one work step saved.

- Perfect improved bonding to fresh concrete
- Special flexible coating with granulate
- High bonding strength
- Resistance up to 5 bar water pressure
- No sticky surface - No protection foil to remove
- Minimum concrete covering only 3 cm (min. installation depth)
- Bendable to form corners
- Horizontal and vertical applications
- Interior and exterior applications

### APPLICATION

#### Application conditions

Check which application method to use in function of the water pressure. In function of this, also look at the paragraph "Application of the product" on this technical data sheet.

#### Tools & complementary products

In function of application method:

- EUCOPREV AKTIBLADE PRO CLAMP F (\* to order separately)
- EUCOPREV AKTIBLADE PRO CLAMP O
- EUCOPREV AKTIBLADE PRO TAPE (\* to be ordered separately - depending on the chosen application method)
- EUCOPREV MASTIC S (\* to be ordered separately - depending on the chosen application method)

#### Application of the product

EUCOPREV AKTIBLADE PRO has to be installed in the middle of the concrete construction joint which has to be sealed (wall/floor, wall/wall,

floor/floor, wall/ceiling). Installation is carried out with separate EUCOPREV AKTIBLADE PRO CLAMP F fixation clamps.

The overlapping of elements can be done in two ways depends on expected water pressure.

#### Water pressure up to 2 bar:

Only 5 cm overlapping (element/element) and secured with EUCOPREV AKTIBLADE PRO CLAMP O.

#### Water pressure up to 5 bar:

Overlapping (element/element) has to be inserted with EUCOPREV AKTIBLADE PRO TAPE (thin swellable bentonite tape - 5 cm width) and secured with the EUCOPREV AKTIBLADE PRO CLAMP O.

Alternatively, the overlap joint can be secured with a swellable sealant like EUCOPREV MASTIC S. Each overlap must be secured with the EUCOPREV AKTIBLADE PRO CLAMP O to avoid damage during casting the concrete.

(Due to the configuration of EUCOPREV AKTIBLADE PRO it can also be inserted into the fresh poured concrete during casting of the concrete, this is only possible as an application in the wall/floor joint and is mostly not conform to the standard regulations. Check the regional standard specifications first. The overlapping (element/element) must be secured with the EUCOPREV AKTIBLADE PRO CLAMP O.)

The joint sealing element EUCOPREV AKTIBLADE PRO can be bent by hand for the application at corners and deflections.

### TECHNICAL DATA

#### Consumption

1 m joint = 1 m metal sheet. To calculate the amount of sheets, please take into account the 5 cm overlap every 2 m of the joint.

#### Technical data & reaction times

| Property                 | Value  |
|--------------------------|--|
| Basic raw materials      | Galvanised metal sheet + APEO-free contact coating + broadcasted granulate with components of silicium dioxide |
| Element height           | 150 mm   |
| Element thickness (base) | +/- 0.65 mm  |
| Element length           | 2000 mm  |
| Total thickness          | +/- 1.9 mm   |
| Surface                  | not sticky   |
| Temperature resistance   | -40°C to +140°C  |
| Odour                    | Odourless  |

#### Chemical resistances

When used in applications with chemically polluted water, it is advisable to consult your EUCCHEM BV representative.

### APPEARANCE - COMPOSITION - PACKAGING

1 wooden box consists of:

50 Elements of 2 m

50 pcs. of EUCOPREV AKTIBLADE PRO

8 wooden boxes = 1 pallet

Order separately  
EUCOPREV AKTIBLADE PRO CLAMP F  
EUCOPREV AKTIBLADE PRO TAPE  
EUCOPREV MASTIC S (depending on the chosen application method)

EUCOPREV AKTIBLADE PRO storage takes place in a dry, frost-free and dry place, +5°C up to +30°C in the unopened, original packaging and has an 24 months shelf life if stored under the conditions described above.

EUCOPREV AKTIBLADE PRO is non-toxic

### ADDITIONAL COMMENTS

Always consult all technical data sheets of the products to be used. Always work with clean tools in good condition.

### SAFETY PRECAUTIONS

Always use personal protection in accordance with the local guidelines. Consult the appropriate safety sheets before use. All most recent safety data sheets are always available at [www.eucochem.com](http://www.eucochem.com). When in doubt, contact our technical service.

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