



## Polygum Polyflex HM3000

### Hot applied elastic joint sealant

Conformity ASTM D1190

#### ➤ Description:

Polyflex HM3000 is a bituminous rubber compound which is heated to reach the flowing viscosity before application. It is suitable for sealing both expansion and construction joints.

#### ➤ Advantages:

- Retains flexible at low temperatures
- Good weathering resistance in all climatic conditions
- Resistant to water, sea water, sewage
- Excellent adhesion to most substrates
- Elongation at break >1000%

#### ➤ Main uses:

Polyflex is used to provide a flexible and long-lasting seal in joints for:

- Concrete roads and parking structures
- Runways and taxiways
- Roofs and terraces
- Pavements
- Potable water reservoirs and tanks
- Pools, dams...

#### ➤ Physical properties:

Color	Black
Density	1.2 Kg/L
Penetration 25°C/150gr/5sec	< 90 Dmm
Softening point	+110 to +130 °c
Bond test	Pass
Flow	+160 to +180 °c
Packaging	4.8 Kg paper tube

#### ➤ Application Guide:

All surfaces must be clean, dry and free from any loose particles

#### Priming:

Apply one coat of Polygum primer. Then leave the primed surface for 1 to 12 hours.

#### Heating:

Heat up Polyflex HM3000 in an agitated oil-jacketed boiler until a soft and pourable material is achieved.

#### Application:

By melting pourer or metal edge vessels.

#### Equipment clean-up:

Clean all the equipment immediately after use.

#### Important advice:

Do not put in contact with coal tar.

In joints subject to water pressure ensure adequate reinforcing and backing.

#### ➤ Storage:

24 month in well-sealed containers