

## **POLYFLEX F**

### **FUEL RESISTING BITUMINOUS BINDER**

**Polyflex F** is a premium polymer modified binder designed to impart increased fuel resistance to hot mix bituminous materials. The use of **Polyflex F** will result in stronger, stiffer and more durable materials that may be used in areas where fuel spillage is likely.

Polyflex F is classified as Category A, when tested in accordance with I.S EN 12697- 43; Bituminous Mixtures – Test methods for Hot Mix Asphalt-Part 43: Resistance to fuel.





#### **ADVANTAGES OF POLYFLEX F IN HOT MIXES**

- Substantial increase in fuel resisting properties.
- Increased strength.
- Greater fatigue life.
- Increased resistance to rutting.
- Improved low temperature flexibility.
- Improved durability.

#### **Recommended Temperature:**

Recommended Storage Temperature 165°C The storage temperature should not exceed 200°C



**Available from** 

Irish Tar & Bitumen Suppliers, Alexandra Road, Dublin 1

Tel: 01 855 5117 / Fax: 01 855 4262 / Email: info@irishtar.ie / www.irishtar.ie



# **POLYFLEX F (PMB 45/80-60)**

#### **SPECIFICATION**

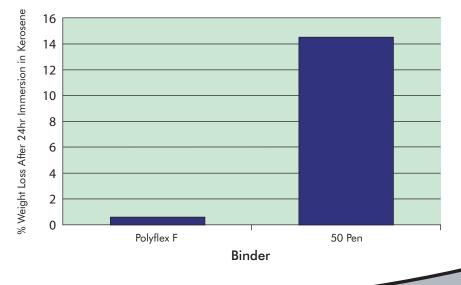
Polyflex F complies with the requirements of I.S. EN 14023:2010 (Specification for Polymer Modified Bitumens) and the NRA Binder Specification: RC 380/13 Table 4.

Property	Unit	Test Method	Product Classification
Penetration @ 25°C	0.1mm	I.S. EN 1426	Class 4 (45-80)
Softening Point	°C	I.S. EN 1427	Class 6 (≥ 60)
Fuel Resistance	% Weight loss*	I.S. EN 12697-43	< 5
Flash Point, min	°C	I.S. EN 22592	Class 3 (≥ 235)

<sup>\*</sup> Loss after immersion in kerosene for 72 hours.







% Weight Loss 24 Hr Resistance to Fuel Test EN 12697-43

% Weight Loss

IRISH TAR

#### **Available from**

Irish Tar & Bitumen Suppliers, Alexandra Road, Dublin 1

Irish Tar & Bitumen Suppliers is registered to IS EN ISO 9001:2008 Quality Standard