



Monarflex Kederflex HFFR

Technical Data Sheet

Features

Monarflex Kederflex HFFR is made from a three ply composition with the two outer layers being made from a special highly weather resistant copolymer halogen free flame retardant LDPE mix that encapsulates an extremely strong polyester (PET) high tenacity grid which forms the weather protection layer.

The HFFR, **Halogen Free Flame Retarder** provides the perfect combination of flame retardant properties along with being very environmentally friendly as it contains no harmful halogens like chloride or bromide.

On top of the sheet there are rubber fixing eyelets that, if needed, help secure the Kederflex in high winds. The eyelets, which are a patented solution, are integrated into the sheet during manufacture to provide the strongest and most durable eyelet fixing on the market.

Durability

Monarflex Kederflex HFFR can be used for all types of long-term projects exceeding 12 months. The product is designed to cope with severe weather conditions found on a roof. The combination of high quality components form a tough and durable sheeting for all working conditions.

Application

Monarflex Kederflex HFFR sheeting is available in widths forming a system that suit most standard scaffold Keder systems. The Kederflex sheeting is applied by 'threading' the Kederflex bead into the rail track scaffold Keder frame and simply pull it from one side of the roof to the other using a rope fixed to a rod which is placed in the pre-formed back fold pockets on the Kederflex sheeting.

Product Name	Monarflex Kederflex Clear		
Product Range	Roll Size	KG	Product Code
	1.00 x 15m, 20m, 25m, 30m	(13kg, 17kg, 21kg, 24kg)	24432, 24429, 24430, 24431
	2.07 x 15m, 20m, 25m, 30m	(19kg, 25kg, 31kg, 37kg)	24425, 24426, 24427, 24428
	2.57 x 15m, 20m, 25m, 30m	(21kg, 28kg, 35kg, 41kg)	24421, 24422, 24423, 24424
	3.02 x 15m, 20m, 25m, 30m	(24kg, 31kg, 39kg, 45kg)	23030, 24351, 24419, 24420
	3.07 x 15m, 20m, 25m, 30m	(24kg, 31kg, 39kg, 45kg)	24388, 24386, 24417, 24418
Bead Sizes	8mm, 10mm, 12mm		
Durability	Project duration exceeding 12 months		
Material	Co-polymer halogen free LDPE with flame retardant additives		
Colour	White		
Light Transmission	>70%		
UV Stabilisation	Yes		
Reinforcement Grid	6 x 8mm mesh from PET		
Gross Weight	360g/m ²		
Thickness	0.2mm		
Tensile Strength	MD: >700N/50mm CD: >900N/50mm		
Eyelet Type	Patented rubber eyelet system integrated into the sheet during manufacture to provide a unique high performance fixing system		
Eyelet / Keder Bead Pull-Out	>1400N/100mm		
Conforms to	EN12310-2, EN12311-2, BS7955:1999, BS 8410:2007		
Fire Properties	EURO Class E, DIN 4102-B1		



Health and Safety

Monarflex Kederflex HFFR

The products consist of a reinforcing net of polyester multifilament and is laminated to a blown film of LDPE with flame retardant additives and a coating layer of LDPE with flame retardant additives. This is then welded to a HDPE wrapped PVC cord. The Monarflex standard eyelets are made from LLDPE polyethylene. The products are delivered in packs and wrapped in a clear PE foil for protection. Packs are stacked on a wooden pallet cage.

Health and safety data sheets are available for all materials. Please go to monarflex.com.au for more information.

Quality Assurance

Monarflex Kederflex HFFR is manufactured under a Quality Management System approved to ISO 9001: 2000 by BSI Quality Assurance.

Fixing Details

1. Steel eyelet.

2. Monarflex Eyelets - secure noise reduction and safe passage for the water.

3. Half ring cutouts – for safe and easy installation, fasten the installation rod with pulling wires.

4. Steel eyelet couple – to pull the sheet down to decking level. May also be used to fasten the sheets.

5. Keder cord – in low friction band for ease of installation with a standard 12 mm bead

6. Backfolding, B – to pull out the sheet on the scaffold structure during installation.

