

# Monarflex

## Stripe FireSmart

**Monarflex**<sup>®</sup>  
A member of the Icopal Group



**Scaffold Sheeting is used for enclosing scaffolds. The sheet has many purposes:**

- Enhances the security for the workers on the scaffold
- Serves as a climate shield to protect workers, machinery and open constructions against rain, wind, snow etc.
- Ensures a stable working climate on the scaffold so deadlines can be respected regardless of the weather
- Protects the surroundings from any inconveniences e.g. particles or building dust from sandblasting or water jetting from facade works.

### Description

The Monarflex Stripe FireSmart is made from a three-ply composition with the two outer layers being made from a special highly weather resistant LDPE with flame retardant additives that encapsulates a strong polypropylene (PP) grid which forms the weather protection. On top of the sheet there are three bands of super high strength woven and plastic coated bands in pre-set patterns and pre-made holes in the bands per 100mm making it fit virtually any type of scaffold.



### Performance and Properties

|                           |                                       |
|---------------------------|---------------------------------------|
| Material                  | Co-polymer FR LDPE                    |
| Reinforcement             | 10 x 12mm mesh from PP                |
| Roll Sizes                | 2 x 45m, 2.25 x 40m, 3 x 45m, 4 x 36m |
| Colour                    | White                                 |
| Weight per m <sup>2</sup> | 232g                                  |
| Tensile strength          | >630N/50mm                            |
| Pullout strength          | >600N                                 |
| Conforms to               | BS7955:1999, BS8410:2007              |
| Fire approval             | LPS 1207                              |
| Applications              | Internal and External use             |



### Durability

Monarflex Stripe FireSmart can be used for all types of long-term projects up to a period of maximum 9 months. The product is designed for extreme weather conditions. The combination of high quality components forms a tough and durable sheeting for very extreme working conditions i.e. sandblasting and water-jetting. By using Monarflex Stripe FireSmart, you can meet deadlines and avoid economical surprises regardless of the weather and be safe in that it fulfils all relevant British Standards like BS7955:1999 and BS 8410:2007 as well as the high demanding LPS 1207 fire standard.

**Application**

Monarflex Stripe FireSmart should be applied horizontally while taking care to overlap the lower sheet externally for weather protection and overlap the lower sheet internally if used for containment. Fixing the sheeting to the scaffold must be done according to calculations taking factors like wind, building season and height of the surrounding buildings into consideration. We recommend the use of EuroStrap for Digiwrap or Flexitie fixings/m<sup>2</sup> but any fixing must be placed according to calculations for each project.

**Delivery And Storage**

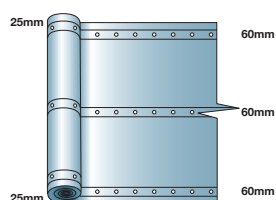
The Monarflex Stripe FireSmart is supplied in pallets of 25 rolls for our 2m x 45m roll, with each roll individually wrapped in PE foil with label and name identification. The rolls must be stored lying on a pallet under cover and away from heat and direct sunlight.

**Health And Safety**

Health and safety data sheets are available for all materials. Please contact Icopal's Technical Services Department for further information.

**Quality Assurance**

Monarflex Stripe Firesmart is manufactured under a Quality Mangement System approved to ISO 9001:2000 by BSI Quality Assurance.



**Roll Size: 2m x 45m**



Certificate No: Q5556

**For further information call 0161 865 4444 or visit [www.monarflex.co.uk](http://www.monarflex.co.uk)**

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