



Diamond Tread

Ideal safety matting for welding bays

- Heavy-duty 'diamond tread' top surface.
- Comfortable foam backing offers superior fatigue relief.
- Flame retardant top surface.
- Fire test classification of Cfl-s1.
- Ideal for welding bays and demanding industrial use.
- Supplied with ramped edges all round.

Product height: 12.5mm

| Dimensions (m.) | Weight Kg | Packaging Dimensions (cm.) | Packaging Type | Packaging Volume (m.) | Packaging Quantity | Colour | Part Code |
|-----------------------|-----------|----------------------------|----------------|-----------------------|--------------------|--------|------------|
| 0.9m X 18.3m | | | | | 1 | Black | DTB010003 |
| 0.9m per linear metre | | | | | 1 | Black | DTB010003C |
| 0.9m X 1.5m | | | | | 1 | Black | DTB010002 |
| 0.6m X 0.9m | | | | | 1 | Black | DTB010001 |

Working Temperature: -10~60°

Fire Resistance Test

Tested to: BS EN 13501-1:2002

Fire test classification: Cfl-s1

Test Results:

| | Ignition (Yes or No) | Time of flaming if ignition occurs (s) | Tip of flame reaches 150mm | | Flaming droplets ignition of Filter paper (Yes or No) | Classification |
|---------------|----------------------|--|----------------------------|----------------|---|----------------|
| | | | Yes or No | Time taken (s) | | |
| Warp 1 | Yes | 4 | No | N/A | No | Efl |
| Warp 2 | Yes | 9 | No | N/A | No | Efl |
| Warp 3 | Yes | 8 | No | N/A | No | Efl |
| | | | | | | |
| Weft 1 | Yes | 5 | No | N/A | No | Efl |
| Weft 2 | Yes | 8 | No | N/A | No | Efl |
| Weft 3 | Yes | 9 | No | N/A | No | Efl |

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The information contained within this datasheet is for guidance only. The data and suggested application are not exhaustive. All dimensions quoted are nominal figures. Please note that some products may be subject to a degree of shrinkage when installed into some applications.

Results (Continued):

| Specimen No. | Direction of specimen | Smoke Obscuration | | Maximum Flame Front | Critical Heat Flux (KW/m ²) | Duration of flaming (sec) |
|----------------------------|-----------------------|-------------------|---------|---------------------|---|---------------------------|
| | | Max % | % x min | | | |
| 1 | Machine | 88 | 597 | 340 | 6.2 | 872 |
| 2 | Across | 88 | 731 | 320 | 6.6 | 1205 |
| 3 | Across | 88 | 563 | 310 | 6.8 | 948 |
| 4 | Across | 87 | 595 | 360 | 5.8 | 906 |
| Mean of 3 specimens | Across | 88 | 585 | 337 | 6.3 | 909 |

| Distance Burnt (mm) | Time for each specimen to burn (s) | | | |
|---------------------|------------------------------------|-----|-----|-----|
| | 1 | 2 | 3 | 4 |
| 50 | 123 | 123 | 124 | 124 |
| 100 | 124 | 125 | 125 | 125 |
| 150 | 126 | 132 | 131 | 127 |
| 200 | 132 | 145 | 143 | 136 |
| 250 | 204 | 217 | 216 | 206 |
| 300 | 265 | 353 | 359 | 263 |
| 350 | -- | -- | -- | 343 |

End of document

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