

Consolidated Amended Claims

1. A flexible fire barrier comprising a woven inorganic fibre substrate and a silicone-based outer coat applied to the substrate, wherein the woven substrate is provided as a substantially planar mat and wherein a ratio of 75% - 95% for the substrate and 5%-25% for the outer coat on a weight basis is used.
2. A flexible fire barrier as claimed in claim 1, wherein the flexible fire barrier is classified A1 or A2 according to EN 13501-1 and water-resistant according to the EN 1928 water tightness test at 2 kPa.
- 2.3. A flexible fire barrier as claimed in claims 1 or 2 wherein the inorganic fibre is selected to provide fire resistant properties.
- 3.4. A flexible fire barrier as claimed in claims 1 ~~or to~~ claim 23 wherein the inorganic fibre is non-metallic.
- 4.5. A flexible fire barrier as claimed in any one of the preceding claims wherein a satin/sateen weave structure is used.
- 5.6. A flexible fire barrier as claimed in claim 45 wherein an 8-end satin/sateen weave structure is used.
- 6.7. A flexible fire barrier as claimed in any one of the preceding claims wherein the substrate is a single layer substrate.
- 7.8. A flexible fire barrier as claimed in any one of the preceding claims wherein the outer coat is applied to one or more sides of the woven substrate.
- 8.9. A flexible fire barrier as claimed in any one of the preceding claims wherein the outer coat fully encapsulates the substrate.
- 9.10. A flexible fire barrier as claimed in any one of the preceding claims wherein the outer coat at least partially penetrates the woven substrate.
- 10.11. A flexible fire barrier as claimed in any one of the preceding claims wherein the outer coat forms a continuous outer coat.
- 11.12. A flexible fire barrier as claimed in any one of the preceding claims wherein a colour is used in the outer coat.

- ~~12.13.~~ A flexible fire barrier as claimed in any one of the preceding claims wherein a ratio 87.5%:12.5% on a weight basis of substrate and outer coat is used.
- 5 ~~13.14.~~ A method of forming a flexible fire barrier as claimed in any one of the preceding claims comprising the steps of selecting an inorganic fibre, weaving the inorganic fibre into a selected weight substrate and applying a silicone-based outer coat to the substrate.
- ~~14.15.~~ A method of forming a flexible fire barrier as claimed in claim ~~13.14~~ wherein the outer coat is applied using a method chosen according to a type of outer coat material used.
- 10 ~~15.16.~~ A method of forming a flexible fire barrier as claimed in claim ~~13.14~~ wherein a silicone-based material used for the outer coat is chosen according to a method of application used.
- ~~16.17.~~ A method of forming a flexible fire barrier as claimed in any one of claims ~~13.14~~ to ~~15.16~~ wherein a dipping process is used to apply a water-based outer coat material to the substrate.
- 15 ~~17.18.~~ A method of forming a flexible fire barrier as claimed in any one of claims ~~13.14~~ to ~~16.17~~ wherein spread coat process is used for a non-water-based outer coat material.
- ~~18.19.~~ A cavity tray or damp-proof course barrier comprising the flexible fire barrier as claimed in any one of 1 to ~~12.13~~.
- 20 ~~19.20.~~ The use of a flexible fire barrier as claimed in any one of claims 1 to 13 as a fire barrier.
- ~~20.21.~~ The use of a flexible fire barrier as claimed in any one of claims 1 to 13 or 19 as a cavity tray or damp-proof course barrier.