

KingProof® PV Disc

Flexible PVC discs for welding of KingProof PVC waterproofing membranes.

DESCRIPTION

KingProof PV Disc is used to securely spot-weld KingProof PVC membranes to the substrate when used in underground waterproofing systems.

APPLICATIONS

KingProof PV Disc is used in tunnelling and underground structures.

ADVANTAGES

- Long service life.
- Compatible and easily welded with KingProof PVC range.
- Easily fixed to the substrate.
- Flexible even at low temperatures.

METHOD OF USE

KingProof PV Disc must be installed by experienced and qualified personnel.

Surface preparation

The substrate should be clean, dry and free from grease and bituminous materials. The profile of the substrate should be sound and smooth without projected or sharp objects.

Application

Using a compressed air gun fasten KingProof PV Disc to the clean and sound substrate.

If a backing material is to be used prior to the installation of the waterproofing membrane, KingProof PV Disc should be placed and fastened over the non-woven fabric.

Spot-weld KingProof PVC membrane to KingProof PV Disc using a hot air welding machine. Adjust the temperature of the air welding machine according to the ambient conditions.

PACKAGING

KingProof PV Disc is available in 10 mm thickness and 80 mm diameter.

TECHNICAL PROPERTIES

| | |
|--------------------------------------|----------------------|
| Colour: | Black |
| Shore A hardness: ISO 868 | 73 ± 3 |
| Weight density: ISO 1183 | 1.28 ± 0.03 g/cc |
| Tensile strength : ISO 527 | 14 N/mm ² |
| Breaking strain: ISO 527 | 380% |
| Stiffening temperature: ISO 458/2 | -35°C ± 2 |

STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult KingKrete's Technical Services Department.

HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KingKrete representative.

KingKrete Inc. reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE



KingProof® PV Disc

All products originating from KingKrete's manufacturing facilities are manufactured under a management system independently certified to conform to the requirements of the quality standard ISO 9001.

* Properties listed are based on laboratory-controlled tests.

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KK-NA-03.1-PF-PV Disc-R3-2601

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this KingKrete Inc. publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

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