

# ATAL GAS RESISTANT DPC TECHNICAL DATASHEET

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Structural Waterproofing Systems

### DESCRIPTION

Atal Gas Resistant DPC is manufactured from a blend of high-quality virgin polymers, resulting in a high puncture and tear resistance. Atal Gas Resistant DPC is suitable for use on sites contaminated with methane and carbon dioxide and has high mortar bond properties due to its class leading embossing. Atal Gas Resistant DPC complies with BS EN 14909:2012 and BS 8485:2015

Atal Gas Resistant DPC is an engineered tri-polymer that has been developed to give excellent mechanical properties while maintaining outstanding resistance to radon, carbon dioxide and methane gases as well as water vapour. The prominent embossing on the DPC creates superior mortar adhesion, making this product suitable for multi storey applications.

| Characteristics                                               | Value          |
|---------------------------------------------------------------|----------------|
| Thickness                                                     | 800µm          |
| Width                                                         | 100mm – 1200mm |
| Length                                                        | 20m            |
| Colour                                                        | Black          |
| Radon Permability ( $10^{-12} \text{ m}^2/\text{s}$ )         | 6              |
| Radon Transmittance ( $10^{-9} \text{ m/s}^{-1}$ )            | 5              |
| Methane Permeability (ISO 15105-1 ml/m <sup>2</sup> /day/atm) | 33.95          |
| Water Vapour Transmittance (g/m <sup>2</sup> /day)            | 0.1            |
| Tear Strength (Nail) (N)                                      | >700           |
| Tensile Strength (N/mm <sup>2</sup> )                         | >22            |
| Durability (heat ageing)                                      | Pass           |
| Resistance to Low Temperature                                 | Pass @ -40°c   |

### Disclaimer:

The technical information reflects our current knowledge of Flo Board CM3. It is intended only as information for users. As we do not know the envisaged applications and installation conditions, it is the responsibility of the user to carefully check that the product is fit for purpose. Due to the different components at the installation site and the in-situ working conditions, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product specifications or further developments. By providing this information ATAL does not intend to infringe third-party rights. The latest data sheet in each case applies. Our corresponding terms and conditions of sale and delivery apply.