

## Gas resistant Cavity Closure Damp-proof Course

# Aldercourse GRA

### Introduction

When used contiguously Alderprufe MR50 or GRA and Aldercourse GRA form a gas-retardant membrane and damp-proof course system for use on landfill sites and in other areas where protection from gases, particularly methane, CO<sub>2</sub> and radon is required.

### Description

Aldercourse GRA is an aluminium cored damp-proof course, developed in combination with Alderprufe MR50 or GRA to provide a continuous "through the wall to floor" junction. Both products have a low permeance of methane and other gases including radon.



### Composition and manufacture

Aldercourse GRA is a laminate of aluminium, high quality oxidised bitumen and hessian. It is surfaced with a light sand finish.

### Uses

Aldercourse GRA is suitable for use as the associated damp-proof course particularly where resistance is required to the ingress of methane. It may be used in conjunction with Alderprufe MR50 or GRA and similar methane retardant membranes. If resistance to methane is a factor, great care must be taken with detailing on all parts of the structure.

### Priming

All surfaces to which Aldercourse GRA is to be heat bonded, must be primed with one coat of Alderprufe Self Adhesive Primer at a rate of 0.1 to 0.3 litres per m<sup>2</sup> dependent on the porosity of the surface. The primer must be allowed to dry thoroughly before the application of membrane or DPC.

## Tuflex DPC

### General Description

Tuflex/PCPT polymeric Damp-proof/Gas-proof course is a flexible sheet material which is a composition of propylene copolymers.

### Manufacture

The raw materials are balanced, milled and calendered to a standard strictly controlled, which includes checks on dimensions, strength, low temperature, flexibility and homogeneity.

### Installation

Installation must be in accordance with the relevant section of CP102: 1973 protection of buildings

against water from the ground, and must follow normal good practice for the detailing of damp-proof courses, as set out in BS 5628: Part 3: 1985. and be in accordance with the manufacturers instructions.

Work can be carried out in all weather conditions normal to the construction of walls.

The dpc must extend through the full thickness of the wall or wall leaf: including pointing, applied rendering or other facing. The dpc must be laid on an even bed of mortar. Any perforations in adjacent courses of brickwork must be completely filled with mortar. All lap joints must have an overlap of 100mm and be completely sealed using double sided jointing compound or welded. When using this product with boot lintels or similar construction, it is recommended that the material is installed to follow the lintel profile.