Highgrade Polymeric Damp-proof course is a flexible sheet material which is a composition copolymer.
Ethylene Propylene Rubber (EPR), heterophasic co-polymer.

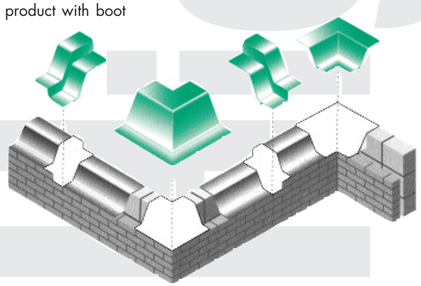
manufacture

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

NB. Manufactured in standard, Buff, Grey and Black colour. Any mortar colour match can be produced in any pantone shade for large contracts. This enables DPC when installed to blend in with mortar colour for aesthetic appeal.

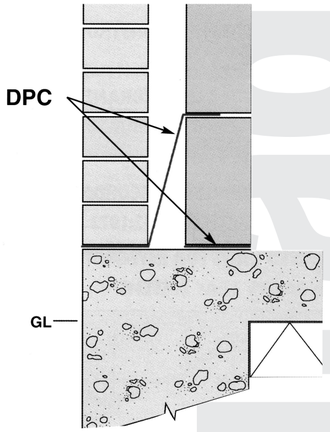
installation

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, 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 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 tape.
When using this product with boot lintels or similar construction, it is recommended that the material is installed to follow the lintel profile.



roll dpc/cavity tray units

All installation must be in accordance with current British standards for Damp Proof Courses.



british standards compliance

BS5628 Part 3 1985	-	Code of Practice for use of Masonry Part 3. Materials and components. Design and Workmanship.
BS8215: 1991	-	Code of Practice for design and Installation of Damp Proof Courses in Masonry Construction.
BS80000: Part 3 1989	-	Workmanship on Building Sites Part 3: Code of practice for Masonry.
BSI DD86 Part 1: 1983	-	Damp Proof Courses - Methods of Test for Flexural Bond Strength.

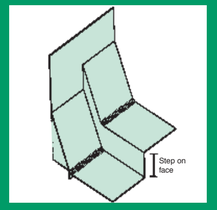
cleaning of cavities

As with most other damp course materials, damage can occur during cleaning of mortar droppings from the damp proof course unless care is taken. The following recommendations should prevent damage occurring:

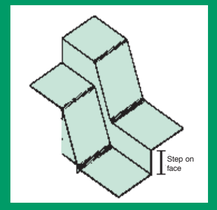
1 cavity Battens should be used to prevent excess mortar droppings reaching damp proof course.
2 Mortar droppings should be removed before they have time to harden.
3 Implements such as steel rods should never be used for cleaning.
4 Damp proof courses should be examined for damage as work proceeds.

applications

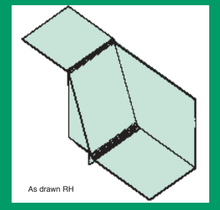
- Near to ground level as a moisture barrier
- To close cavities at openings in brickwork.
- In parapets to prevent down ward water penetration
- Beneath sills and coping made of porous materials



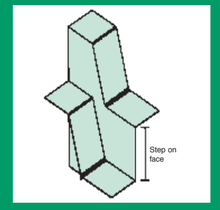
Change level cloak (surfaced fixed)



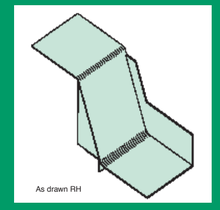
Change level cloak (brick to block face)



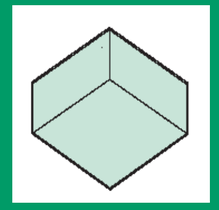
Stop end cloak



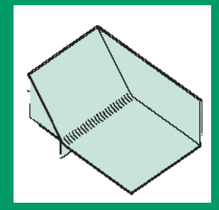
Change level cloak (brick to block face)



Stop ends



Internal corner



Angled stop ends

compatibility

Higrade High performance polymeric damp proof course system is compatible with commonly used building materials,including mastic's, hot applied bituminous damp-proof membranes and self adhesive membranes.

specifications

Highgrade polymeric DPC tensile strength 18N/50mm is supplied by Century 2000 limited Sladen Mill,Halifax Road. Littleborough Lancashire OL15 OLB.

A complete range of factory formed cloaks are available for complete cavity closure systems.

Technical Data		Dimensions and weights	
Tensile Strength at Break -N/50mm	18	Nominal weight kg/m2	0.9
Elongation at Break-ASTM D638	750	Nominal Length m	20
Tear Strength N-ASTM D1000	55	Nominal thickness mm	1.0mm
Puncture resistance N-FTMS 101c Method 2065	150	Standard widths	100,112.5,150,225
Low Temperature Flexibility oC	< -40		300. 337.5. 450. 600
Mortar Bond Strength	Good		1000. 1200
Compressive Bond Strength	Good		

EXTREMELY TOUGH AND RESILIENT AESTHETICALY PLEASING COLOUR MATCH TO MORTAR

HIGH COMPRESSIVE STRESS AND LOW TEMPERATURE FLEXIBILITY

COMPATIBLE WITH MOST CONSTRUCTION MATERIALS

COMPATIBLE WITH ALL MEMBRANES FOR USE IN TOTALLY INTEGRATED STRUCTURAL WATERPROOFING SYSTEMS

DAMP PROOF COURSE IN ACCORDANCE WITH BS CODE OF PRACTICE CP102:1973

PRE-FORMED UNITS FOR INTEGRATED, FULLY SEALED CAVITY TRAY SYSTEMS

CENTURY 2000

higrade

dpc higrade

HIGH PERFORMANCE POLYMERIC DAMP PROOF COURSE SYSTEM

...another quality product from Century 2000

Higrade

Higrade Dpc outperforms traditional high performance DPC's

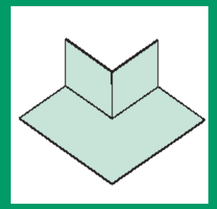
Physical Properties	Higrade	Poly Pitch	Bit Poly	Polymeric
Tensile Strength at Break N/50mm	750	385	310	245
Tear Strength N/MM	55	21	14.1	39
Puncture Resistance (N)	150	115	110	140
Low Temperature Flexibility C	-40	-35	-20	-40
Mortar Bond Strength	Good	Moderate	Good	Good
Water Vapour Permeability $g/m^2/day$	<0.1	1.4	2.0	0.5

Outperforms traditional high performance plus the option of mortar match colour (Grey, Sand or Black) for better aesthetic appeal.

Note; Whilst every effort is made to ensure that the contents of this publication are current going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.
Up to date information is available from the sales office on request
Responsibility cannot be accepted for the application of products and no claims can be considered where the manufactures instructions have not been followed.
All products are sold subject to our standard conditions of sale,available on request.

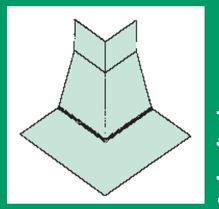
Century 2000 Limited Sladen Mill,Halifax Road. Littleborough Lancashire OL15 OLB.
Telephone 01706 374416 Facsimile: 01706 376785

Internal corner (brick to block)

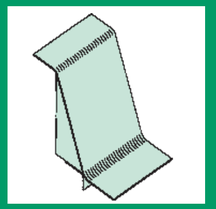


External Corner

External corner (brick to block)



Surface fixed



Joint support system