



MAY 2007

450mm INSPECTION CHAMBER ASSEMBLY

ROBUST RIBBED DESIGN

HIGHLY DURABLE
MATERIAL

EFFICIENT TO ASSEMBLE

COMPLIES TO BS7158

CAN ACCOMMODATE
UP TO 15° SURFACE
INCLINATION



NOW AVAILABLE AT BRETT MARTIN STOCKISTS

450mm INSPECTION CHAMBER ASSEMBLY

THE BRETT MARTIN INSPECTION CHAMBER ASSEMBLY HAS BEEN EXTENDED AND MODIFIED TO INCLUDE THE NEW 450mm DIAMETER CHAMBER RISER. WITH AN EFFECTIVE DEPTH OF 300mm, ONLY 3 RISERS, CHAMBER BASE AND COVER ARE NEEDED TO MEET THE NOMINAL 1.2m INVERT AS SET DOWN IN PART H, CLAUSE 2.48 OF THE BUILDING REGULATIONS. PROVIDING MORE ON SITE SOLUTIONS, THE ASSEMBLY CAN ACCOMMODATE INVERTS OF UP TO 3m.

ASSEMBLY BENEFITS

INVERTS

- Effective depth per riser of 300mm
- Achieves 1.2m invert with only 3 risers
- Inverts of up to 3m achievable



1.2 m invert installation

BUILDING REGULATIONS

- Designed to satisfy the requirements of 1.2m invert depth as set down in Part H, Clause 2.48 of the Building Regulations
- Optional Access Restrictor available (for use in inverts of between 1.2m and 3m) to prevent danger of entrapment as set out in Part H, Clause 2.48 of the Building Regulations

INCLINED SURFACES

- Top riser can be trimmed to accommodate inclinations of up to 15° without compromising the fit of the Brett Martin cover.



Cover fitting on slope of 15°

BUILDING SITE EFFICIENCIES

- Fewer risers per Inspection Chamber Assembly provide significant reductions in unit costs
- Reduced on-site labour time
- Optimises stock inventory

STRENGTH AND DURABILITY

- Robust ribbed riser possesses high deformation resistance
- Manufactured in highly stable polypropylene for durability
- Moulded connector lugs enhance stability of deep system assemblies prior to backfilling.



5. SEALING RING(5398)

When fitted makes base to riser and riser to riser fit watertight





1. COVER (6255)

- a. Robust screw down fixing
- b. Secure lid in frame reduces risk of accidents, injury and removal
- c. Suitable for driveways (light vehicular traffic only)



2. COVER FRAME (supplied with Cover)



3. ACCESS RESTRICTOR (6350)

- a. Available for use when invert is greater than 1.2m
- b. Safety device to prevent danger of entrapment as set out in Part H, Clause 2.48 of the Building Regulations



4. CHAMBER RISER (5397)

- a. New 450mm diameter heavy duty riser
- b. Achieve 300mm depth with each riser
- c. Only three risers required to reach an invert of 1.2m as set down in Part H, Clause 2.48 of the Building Regulations
- d. Inverts of up to 3m possible



6. CONNECTING LUGS

- a. Integrally moulded onto the side of each riser
- b. Provides stability of assembly prior to back filling, increasingly important at greater depth

7. INSPECTION CHAMBER BASE (5494 110mm / 5696 160mm)

- a. Chamber base available for 110mm and 160mm drainage layouts
- b. Branch inlets are designed for optimal flow direction
- c. Inspection and cleaning equipment accesses easily



**Brett Martin Ltd**

24 Roughfort Road
Mallusk, Co. Antrim
Northern Ireland BT36 4RB
Tel: 028 9084 9999
Fax: 028 9083 6666
Sales Hotline: 028 9084 8999
Email: mail@brettmartin.com

Brett Martin Building Products Ltd

Speedwell Ind. Estate
Staveley, Derbyshire
England, S43 3JP
Tel: 01246 280000
Fax: 01246 280001
Email: building@brettmartin.com

Brett Martin Scotland Ltd

Blairlinn Road
Cumbernauld, Glasgow
Scotland, G67 2TF
Tel: 01236 725536
Fax: 01236 725871
Email: scotland@brettmartin.com

For the latest information visit the
company's web site:
www.brettmartin.com

932BP04071



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WWW.BRETTMARTIN.COM