

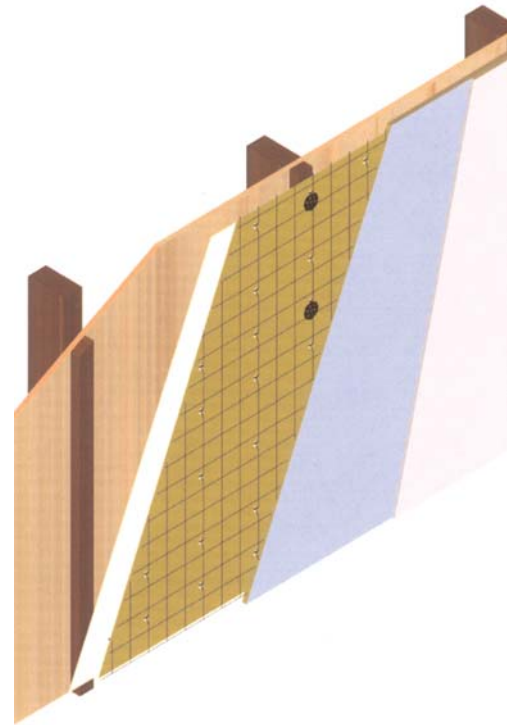
Rendalath®

Recommendations for Rendalath Selection for Timber Frame Construction

1) Selection of Rendalath type

Table 1: Rendalath Selection

Grade	Site Conditions (as BS5262: 1991)	BRC Product Reference
Galvanised	Moderate and sheltered conditions; ideally suited for renovation work not exceeding two storeys.	GRM1
Stainless Steel	Severe conditions, exposed to full force of wind and rain; buildings on hillsides, near the coast or above surrounding buildings in built-up areas.	SRM1



2) Selection of Fixings

Table 2: Fixing Selection

Category/Use	Site Conditions (as BS5262: 1991)	Description	BRC Product Reference
Rendalath Sheets	Moderate and sheltered conditions	Hand staple	BPSSHS
Rendalath Sheets	Severe conditions exposed to full force	Screw + washer	BPSW50SS
Beads Only	Moderate or severe conditions	Screw + washer	BPSW25SS

Note: All fixings are austenitic stainless steel

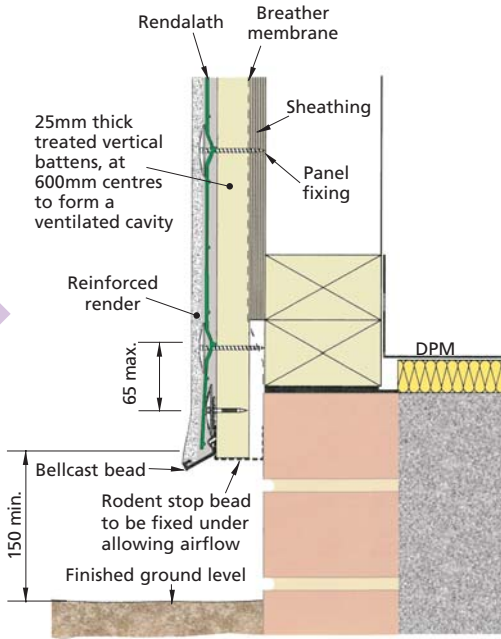
3) Selection of Beads

Table 3: Bead Selection

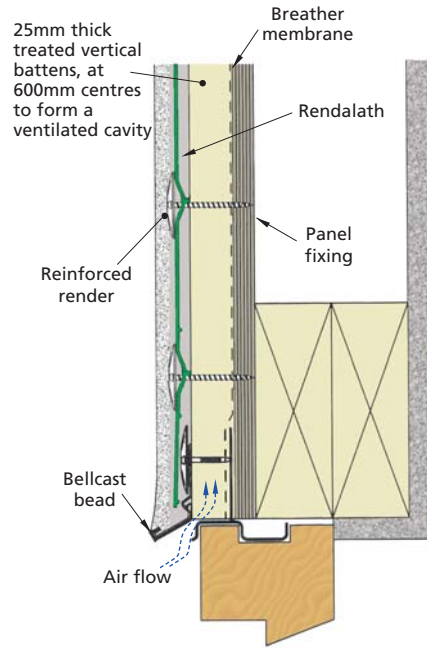
Bead Type and use	Site Conditions (as BS5262: 1991)		
	Moderate or Sheltered (Galvanised) BRC Product Reference	Severe Conditions (Stainless Steel) BRC Product Reference	Both Conditions (UPVC) BRC Product Reference
Bellcast Beads: To be used at low level, immediately above a brick plinth or 150mm above ground level.	BPTB1525C	BPTS1525EXS	Not recommended
Stop Beads: To be used where Rendalath system is to terminate, either vertically or horizontally.	BPTS20C	BPTS20EXS	Not recommended
Corner Beads: Are to be provided to ensure additional strength is maintained or to provide a clean vertical edge.	BPTCCX (clean) GBC15 (reinforced)	BPTCS (clean) SBC15 (reinforced)	BPTCCP3 (plastic)
Movement Beads: Are to be provided in accordance with BS5262: 1991 allowing uninterrupted panel lengths of no more than 4 linear metres. This is to allow for any possible movement in the structure.	BPTM20C	BPTM20EXS	Not recommended

Typical Details:

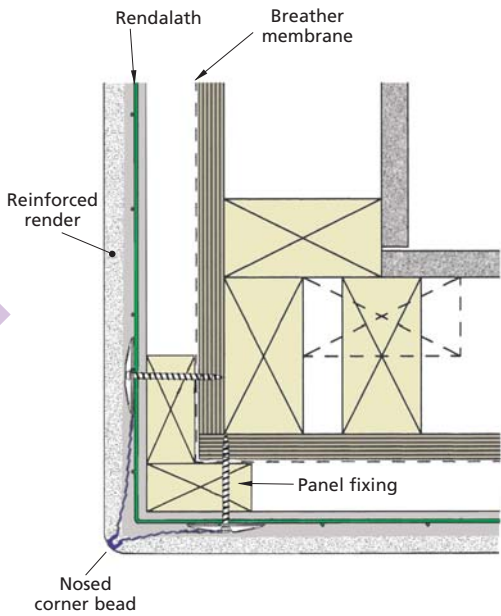
Bellcast Bead Detail (At Low Level)



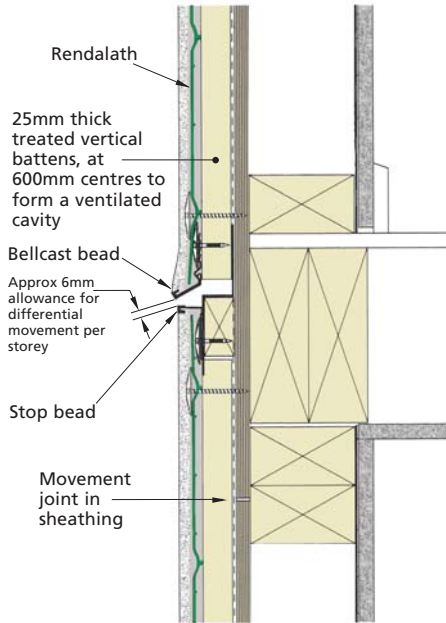
Typical Window Head Detail



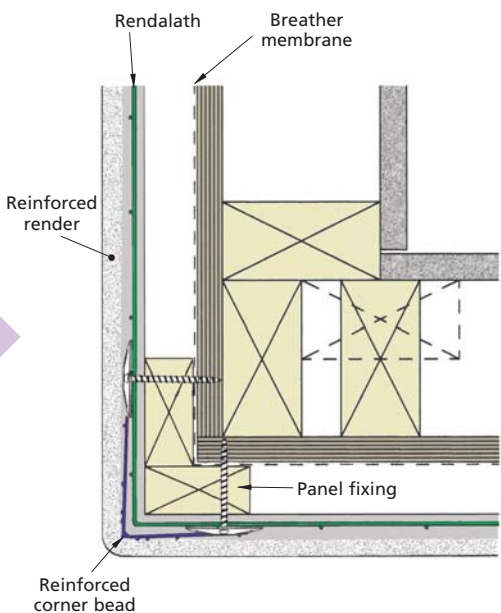
Typical External Corner Detail (Clean Corner)



Horizontal Movement Joint



Typical External Corner Detail (Reinforced Corner)



Vertical Movement Joint Detail

