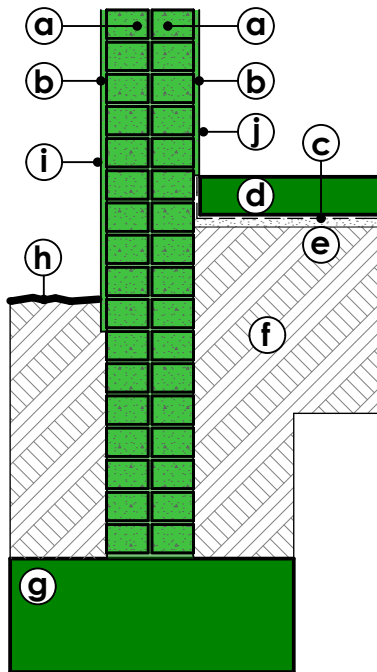


SANS 10400 XA 2022 wall thermal calculation

building element	thermal R-value
external air film resistance	0.05
15mm cement plaster	0.03
thermal stock brick	0.2
thermal stock brick	0.2
15mm cement plaster	0.03
internal air film resistance	0.11
TOTAL	0.62



Wall Section



- (a)** Cem Brick Thermal stock brick
- (b)** 15mm cement plaster
- (c)** damp proof membrane
- (d)** concrete floor slab
- (e)** sand blinding layer
- (f)** hardcore filling
- (g)** concrete foundation
- (h)** natural ground level
- (i)** external air film resistance
- (j)** internal air film resistance