## ORM/KING/ SmartStack Gable End Chimney Installation

Sheet 20



**1. PREPARE THE GABLE WALL** Inner leaf to follow line of trusses.

Outer leaf to to stop on - the nearest brick course when overall width at the top of the course reaches 890mm or less



4. POSITION INTERNAL SUPPORT FRAME Position frame onto roof structure ensuring downstand to plinth box is tight to and cloaks over the external brickwork. Ensure internal frame rests fully onto roof structure with no movement



2. APPLY SUPPORT PLYWOOD

Affix 18mm exterior quality plywood to the noggins ensuring the top of the plywood is level to top of rafters. Use 8off No.8 x 50 screws to each ply panel.



**3. APPLY ROOFING MEMBRANE** Fix 38 x 50 timber noggins to the side of each rafter. Apply roofing membrane to the whole of the roof structure as per standard roofing practice.



5. FIX INTERNAL SUPPORT FRAME Fix internal frame to plywood support using a minimum of 8 screws per side. (16 screws in total). Fixings to be around perimeter of support frame. Ensure frame is secure



6. POSITION BRICK SLIP CHIMNEY Carefully lower the brick slip chimney over the secure support frame until it rests fully onto plinth box.



7. SECURE CHIMNEY TO SUPPORT FRAME Fix outer brick slip chimney to internal framework by screw fixing through mortar line directly into support frame. Fixings at 150mm vertical centres along each corner to each side. Minimum 10 fixings per side.



8. PREPARE FOR CHIMNEY POT Remove lifting ring and apply a bead of adhesive



9. SECURE CHIMNEY POT Locate GRP pot screw into position. Seal around base of pot as appropriate



**10. DRESS LEAD AROUND PLINTH** Dress lead down over tiles immediately below dormer ensuring lead is on a continuous downward fall. Dress lead over edges of tiles to finish.

Note: The photographs were taken under factory conditions and not reflect the health and safety precautions necessary to fit the product on site

Product must be installed by qualified personnel under supervision of person responsible for technical matters on site. This information does not absolve the installer of responsibility to check fixings are suitable for his/her location All fixings to be installed in strict accordance to manufacturers instructions

IF IN DOUBT Contact our technical department on 01827 311100

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