

## **Folkestone & Hythe District Council**

**Fire Screening at Romney Marsh House,  
Orgarswick Avenue, Romney Marsh, TN29 0PP**

## **Appendix A - Specification**

## Specification

### 1.0 Introduction

- 1.1 Romney Marsh House is Independent Living Scheme comprising of 33 self-contained flats over four floors. Upper floors are accessed by communal passenger lift and served by two staircases accessed from screened landings enclosed by gazed powdered aluminum curtain walling.
- 1.2 In order to provide suitable fire resisting compartmentation between the landing floors it is necessary to provide addition protection to the aluminum screens by providing secondary internal fire resisting screens as detailed below.

### 2.0 Scope of Works

- 2.1 East Elevation stairwell existing screens, all floors.
- 2.1.1 To remove existing non fire rated glazing to all stairwell doors, (total=8 units)
  - 2.1.2 To remove existing non fire rated glazing to fanlight above each door (total=4 units)
  - 2.1.3 To remove existing non fire rated glazing from screen to right hand side of doors (total=16 units)
  - 2.1.4 A total of 28 glazed units of varying sizes
  - 2.1.5 Replace all units with single glazing GWPP of same measurements, making good disturbed decorations and repair beads if required.
- 2.2 East Elevation new screens, all floors.
- 2.2.1 To supply and fit made to measure sapelle hardwood screens with density of more than 640kg/m<sup>3</sup> x 3 per floor, to right of current screens.
  - 2.2.2 These screens are to be installed in line with the glazing layout of the existing external screen
  - 2.2.3 Consisting of approx. 100mm x 65mm rebated heads and transoms plus approx. 100mm x 75mm mullion posts rebated to take glazing.
  - 2.2.4 Glazing to be GWPP dry fixed with 20mm by 6mm ceramic fibre based glazing tape or intumescent gaskets and 20mm high by 23mm wide square or chamfered (up to 10°) hardwood glazing beads with a minimum density of 640kg/m<sup>3</sup> fixed with screws and cups to middle sections to allow access to the external screens for maintenance/cleaning. All glazing to be fitted on non-combustible setting blocks.
  - 2.2.5 The length of the glazing beads fixings must extend into subbase material not be less than 40mm and start at not less than 50mm from the corners of the apertures and thereafter at a maximum spacing of 150mm centers.
  - 2.2.6 Screen sizes are approximate and **MUST** be confirmed by the tenderers, visits to site must be accompanied by a representative of EKH.
  - 2.2.7 Single unit Screen size is approx. 930mm wide x 2.350mm high
  - 2.2.8 New screen to be firmly secured and sealed top, bottom and side to walls.
  - 2.2.9 All adjoining cabling & service trunking to be relocated to accommodate framework

- 2.3 West Elevation stairwell existing screens, all floors.
  - 2.3.1 To remove existing non fire rated glazing units to all stairwell doors, (total = 8 units)
  - 2.3.2 To remove existing non fire rated glazing to fanlight above each door (total = 4 units)
  - 2.3.3 To remove existing non fire rated glazing from screen to right hand side of doors (total = 16 units). A total of 28 glazed units of varying sizes.
  - 2.3.4 Replace all units with single glazing GWPP of same measurements, making good disturbed decs and repair beads if required.
- 2.4 West Elevation new screens, all floors
  - 2.4.1 To supply and fit made to measure sapelle hardwood screens with density of more than 640kg/m<sup>3</sup> x 3 per floor, to right of current screens.
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### 3.0 Relevant Standards

The intention throughout these works is to ensure that the screens when completed will achieve a minimum of 30 minutes fire integrity. The submitted tender should detail where this standard is being met and provide all relevant details.

### 4.0 Warranty Period

The completed works shall carry a warranty of a minimum of 12 months.