

General Directorate of Civil Defence FIRE PREVENTION DEPARTMENT SAFETY SYSTEMS DIVISION



| | | PRODUCT SCOPE | |
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| No. | THIRD PARTY | CERTIFICATION | TESTING |
| | | | <u>Smoke and Heat Control Ventilation System :</u> Smoke extraction ducts Single compartment smoke extraction ducts Ducts Smoke dampers Fire dampers Non-mechanical fire barrier for ventilation ductwork On-mechanical fire barrier for ventilation ductwork Smoke Barriers Natural smoke & heat Smoke and heat control systems Fire Resistive Metallic HVAC Duct Systems Smoke control test for door and shutters Fire resistance of ventilation ducts Fire resistance of ventilation using data from fire resistance tests on products and building elements. Classification using data from fire resistance tests on components of smoke control systems Classification using data from fire resistance tests on components of smoke control systems Curtain walling Fire Fighting Systems: Electrical automatic control and delay devices Manual triggering and stop devices |
| 19 | <section-header><section-header><text><text><text><text><text><text></text></text></text></text></text></text></section-header></section-header> | Smoke and Heat Control Ventilation System : Natural Smoke and Heat Exhaust Ventilators Powered Smoke and Heat Exhaust Ventilators Smoke Duct Section Smoke Control Dampers Fire Dampers Specification for pressure differential systems, Kits Smoke Barrier Emergency Lighting and Power System : Power, Control & Communication Cables subject to reaction to fire Passive Fire Protection : Fire Protective Products Reactive coatings for fire protection of steel elements. Renderings and rendering Kits intended for fire resisting applicatiions. Fire protective board, slab mat products and kits. Penetration seals. Linear joint and gap seals. | Passive Fire Protection : Reaction to fire Resistance to fire External fire exposure |



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| | | Intumescent products for fire sealing and fire stopping. Gypsum blocks Gypsum Boards with fibrous reinforcement Suspended ceilings Stretched ceilings Fire Doorset and Openable Windows | |
| 20 | | Passive Fire Protection : Fire Rated Doors and Hardware • Steel Doors • Wooden Doors • Composite Doors • Fully Glazed Doors | Passive Fire Protection : • BUILDING CONSTRUCTION COMPONENTS AND MATERIALS Fire resistance (General Requirements) Reaction to Fire - surface burning characteristics Reaction to fire - non-combustibility |
| | THOMAS BELL- WRIGHT IC | Door Hardware Rolling Shutter Sliding Fire Door Linen and garbage chute intake doors | Reaction to fire – ignitability Reaction to fire (calorific value) Reaction to fire tests for building products excluding floorings exposed to the thermal attack by a single |
| | country: U.A.E. website: www.bell-wright.com | Linen and garbage chute acces panels Fire Rated Separating Constructions Gypsum based wall construction (steel and wood stud) insulated & uninsulated Bock walls as load and non-load bearing | burning itemBUILDING PRODUCTS (EXCLUDING FLOORINGS) FLOOR COVERINGS Reaction to fire - critical radiant flux of floor-covering systems |
| | scope of accreditation: Certification Body Testing Laboratory | construction types Glazed fixed and opening windows Fully glazed partition, facades and skylights Suspended Ceiling | Rection to fire - Determination of the burning behaviour using a radiant heat source • PLASTICS Reaction to fire – ignition temperature • EXTERNAL WALL ASSEMBLIES |
| | guide on company logo / product marking: | Floors (timber, concrete, steel based and glazed units) Permanent and demountable partitions | EXTERNAL WALL ASSEMBLES Reaction to fire - ignitability using a radiant heat energy source TEXTILES and FILMS Reaction to Fire - flame propagation |
| | Thomas Bell-Wright | Exterior Wall Assemblies, Claddings, Curtain Walls, Building Materials, Products & Assemblies Exterior Insulation Finish Systems(EIFS) or Synthetic Stucco products and materials Metal composite material cladding(MCM) / Solid | NON-LOADBEARING EXTERNAL CLADDING SYSTEMS Reaction to fire CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS |
| | | Metal Panels Systems products and materials High Pressure Laminates cladding systems, products and material Structural Insulation Panel Systems (SIPS) and Insulated Sandwich Panel Systems (with Foam | Fire testing • BUILDING CONSTRUCTION COMPONENTS AND MATERIALS Fire resistance (General Requirements) |
| | (continuation) | plastic or or stone /glass or Rockwool insulation) Natural stone, Marble, Clay or cement-based panels cladding systems Glass Fibre reinforced panels cladding systems | WALLS AND PARTITIONS - Non load bearing Fire testing CEILINGS - Non load bearing Fire resistance ELOODS AND POOLS - Load bearingPLACTICS |
| | THOMAS BELL- | products and materials Weather-resistive Barriers External timber paneling and facades including | FLOORS AND ROOFS - Load bearingPLASTICS Fire resistance BEAMS - Load bearing |
| | WRIGHT IC | laminated timber Roof System/Panels systems products and assemblies Ceiling Assemblies products and assembles | Fire resistance COLUMNS - Load bearing Fire resistance DOOR, SHUTTER AND OPENABLE WINDOW |
| | | Building Materials, Products and Assemblies: Pipe & Duct Insulation materials Textile, Paper or Polymeric (including vinyl) wall or ceiling coverings and of facing and wood veneers intended to be applied on site over a wood substrate Caulks & Sealants | ASSEMBLIES Fire resistance • BUILDING HARDWARE Fire resistance • HORIZONTAL PROTECTIVE MEMBRANES Fire resistance • APPLIED PASSIVE PROTECTION PRODUCTS |
| | | Tapes Reflective Insulation, Radiant barrier and Vinyl stretch ceiling Materials Site-Fabricated Stretch Systems | RAISED ACCESS AND HOLLOW CORE FLOORS Fire resistance |