

### Colman Moducel

Colman have over 30 years' research and development experience in designing, manufacturing and installing weather louvres. Our range of louvres have been developed with high performance and aesthetic appeal in mind, offering a standard range in single, double or triple bank blade profiles whilst having the engineering and technical capability to supply louvres specifically manufactured as one-off custom built "specials".

To meet the most demanding architectural requirements, irregular and complex shapes, mitred corners, multi-bank assemblies, engineered single or double doorsets can be designed and manufactured to suit each particular application. Special assemblies to suit sloping roof applications have long been a feature of the Colman portfolio.

Penthouse louvres can transform a roof top terminal with access doors easily integrated into the assembly. Where continuous appearance louvres are desired our unique design features provide an accurate location of each panel to ensure a clear unbroken blade line which can easily integrate into cladding and glazing systems as well as more traditional brickwork and cast openings.

Colman louvres provide excellent weatherproof features whilst allowing optimum free air flow. The blade profiles incorporate anti-cascade traps and drainage channels which provide enhanced weather protection in the most severe conditions.

#### Colman Factory Built Louvre System

A standard range of louvres are available in 50mm, 60mm, 70mm & 100mm blade pitches, and are designed for sheltered, moderate and severe exposure conditions with both flanged and flangeless frame styles together with optional extras such as bird guards, insect screens and blanking plates.

#### Colman Clip-in Louvre System

To meet the need of where the time to carry out the installation of louvres is short and where access may be a problem Colman have developed a site assembled clip-in system. The system can incorporate single and double leaf doors with a wide range of optional accessories. Blade profiles are available in 50mm, 75mm and 100mm pitches. The blades are mounted on rear mullions by means of factory fitted aluminium clips to ensure accurate alignment of each blade profile. A free area of 60% is achievable with the 100mm system.

All external louvres are manufactured at Colman's modern 100,000 square feet production facility in Stoke-on-Trent which is BS EN ISO 9001 accredited.

#### Finishes

A wide range of finishes are available, Mill Finish aluminium, Architectural Grade Polyester Powder Coating to BS 4800 and RAL colours, Syntha Pulvin Plus, PVF2. Anodised finishes are also available.

#### Specification

Colman external louvres are manufactured from extruded aluminium sections to BS EN 12020-1:2001 with hot dipped galvanised mild steel bird guard fitted as standard. Optional extras including nylon re-inforced fibreglass insect proof screen, blanking plates insulated or uninsulated are available in both galvanised mild steel and aluminium – either self-finish or polyester powder coated to match the external louvres.

#### Customer Support Services

Technical support is available from a team of experienced external technical sales engineers based throughout the UK, and in addition an office which is dedicated solely to External Louvre products.

#### Colman Grilles & Diffusers

The Colman brand is synonymous with high quality air distribution and offers the best in grilles and diffusers including our heavy duty floor grilles for medium duty office applications and extra heavy duty floor grilles used in computer rooms, etc. In addition to our wide range of products, Colman offers a design facility to produce customised designs to suit every application without compromising performance or aesthetic appearance.

