

## Secco Sistemi

### Thermal break. Ebe 65



#### Ebe 65/85

#### THE SYSTEM

Like a modern Formula 1 racing car, building design and engineering must succeed in obtaining increasingly better performance despite increasingly severer restrictions.

One of the greatest restrictions is compliance with the ecological and energy saving norms for buildings, which the modern building trade meets through thermal insulation.

Secco Sistemi puts its designers in conditions to comply with these requirements in the window/door frame sector with the Ebe Thermal Break, which allows the insulation values laid down by the new and strict standards to be achieved.

In addition to its special technology ensuring perfect insulation, Ebe Thermal Break is the only system that allows frames to be made with superior materials such as galvanised steel, stainless steel, Cor-Ten steel and Bronzofinestra whether alone or combined in the same frame, to ensure greater design and engineering freedom.

#### ADVANTAGES OF THE EBE THERMAL BREAK

- Integrated system complete with sections, fittings and glazing gaskets/seals, for designing and making every type of thermal-break frame
- Slender sections yet perfectly insulated, able to guarantee maximum structural performance to make increasingly more elegant and bright frames and curtain walls
- Continuous level of insulation around the whole section, without interrupting or affecting the seal
- Maximum design freedom thanks to the possibility of making combination frames with two different materials: Galvanised Steel, Stainless Steel, Cor-Ten Steel, Bronzofinestra, pre-painted to required colour, etc.
- Guaranteed tested performance that satisfies every design requirement and is in conformity with the CE mark
- Absolute certainty of duration and low maintenance costs
- Possibility of making regular arched shapes or to customer template
- Reduced assembly times and simple application of fittings
- Possibility of reinforcing the window/door frames according to end customer requirements

### Thermal break. OS2



#### OS2

#### THE SYSTEM

Frame replacement plays a fundamental role in building restoration. It is difficult to separate the aesthetic aspect, ensuing from due respect for buildings often considered historic and monumental, from the functional aspect, which is essential for also regaining an indispensable level of dwelling comfort.

Engineering and design precision requires the visible thickness of the typical old frames to be maintained while complying with the new standards that entail the use of thermal break window and door frames. This market approach embraces the latest creation - the new OS2 thermal break system with which thermal break window and door frames can be made in Galvanised Steel, Stainless Steel, Cor-Ten Steel and Bronzofinestra with visible frame thickness of just 46 mm and offering high performance in terms of energy saving and sound insulation, in compliance with today's strict legal requirements.

#### ADVANTAGES OF THE OS2 THERMAL BREAK

- Thermal break for high insulating performance
- Integrated system complete with sections, fittings and gaskets/seals for designing and making the largest types of thermal break window and door frames
- Very slender visible section of just 46 mm for the side jamb and 62 mm for the meeting stile of double windows or doors
- Certificated performance for issue of the CE marking
- Slender yet structural and solid sections for making increasingly more elegant and bright frames, curtain walls and façades
- Maximum design freedom thanks to the possibility of making frames with superior materials: galvanised steel, stainless steel, cor-ten steel, bronzofinestra, pre-painted to required colour, etc.
- Absolute certainty of duration and low maintenance costs
- Possibility of making regularly-shaped arches and to customer template
- Reduced assembly times and simple application of fittings