



**ODC99A**

**HIGHLY THERMALLY INSULATED MODULAR ALUMINIUM PROFILE SYSTEM. PERFECT FUNCTIONALITY, WITH THE SLIMMEST SIGHT LINE, THE BEST THERMAL INSULATION VALUES AND ENDLESS COMBINABILITY OPTIONS.**

The ODC99A bifold door combines intricate design with optimal technology. It boasts improved structural and U values despite its minimal sight line of only 99mm.

The delicate sight line gives your living space an even more transparent, light and open feel.

ODC Door & Glass Systems Ltd.

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**CLARITY IN DESIGN**



# ODC99A



## PROFILE SYSTEM

- Minimum sight lines of 99mm at the panel joints
- Profile depth of frame and panel is 67mm
- Floor mounted, therefore little load bearing capacity of lintel required
- Angular profile design

## GLASS PANEL & FRAME SIZES

- Maximum panel width and height up to 1m x 3m
- Profile depth of frame/panel: 67mm
- Panel weight up to 90kg
- Sight line - panel: 99mm
- Sight line - frame: 0 - 72mm
- Glazing (glass thickness): 5 - 36mm

## EXCELLENT WEATHERABILITY

- Sealing by two wrap-around lines of defence with constant gap size and even sealing pressure between panels
- Sealing faces are not broken by door furniture
- Skinned foam seals with excellent sliding properties
- Air infiltration barrier seal for enhanced U values as option
- Up to three lines of defence against ingress possible

## UNRIVALLED PERFORMANCE

- Burglar resistance to DIN EN 1627-1630 (RC2/RC2N)
- Thermal performance according to DIN ISO 10077-1 ( $U_w > 1.1 \text{ W/m}^2\text{k}$ )
- Wind load resistance according to DIN EN 12210 (B4)
- Awarded 8A protection against driving rain to DIN EN 12208
- Class 3 air permeability to DIN EN 12207
- Sound insulation class to DIN EN ISO 140-1 (up to 45db)

## INNOVATIVE SLIDING TECHNOLOGY

- Stainless steel runner assembly with double-row deep-groove ball bearings
- Ease of operation, smooth running and quiet
- Optimum load transfer
- Wear-free and extremely low maintenance
- Floor tracks without upstand to DIN 18040 (for wheelchair access)
- For level thresholds, optional mini floor tracks are available

## DESIGN FEATURES

- Panels are inward or outward folding and can be designed to slide to the right or left
- User-friendly panel catches for correct locking sequence
- Catch function allows controlled opening and closing of the panels
- Elegant slimline panel design throughout with even joints
- If folding panel pair is hinged on frame side, tilt and turn panels can be integrated with concealed door
- Folding, tilting, tilt and turn or fixed units can be combined in one single frame with continuous floor track by means of an integrating profile and modular design
- Single frame installation for mounting of folding system on parapet even with transom windows now

## SECURITY

- RC2/RC2N burglar protection optional
- 24mm espagnolette throw at top and bottom of frame
- Optional linking to security system
- Concealed cable routing can be integrated
- Integral locking technology with error device
- Captive hinge pin, which cannot drop out accidentally

FOR MORE EXAMPLES OF OUR WORK VISIT [WWW.ODCGLASS.CO.UK](http://WWW.ODCGLASS.CO.UK) OR VISIT OUR SHOWROOMS:

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## CLARITY IN DESIGN



SLIDING DOORS



FOLDING DOORS



WINDOWS



ROOFS & ROOFLIGHTS



GLASS STRUCTURES



DOORS