

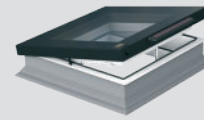


Features:

- suitable for roof pitches between 2-15 degrees
- Triple-glazed DU6 skylight has an R-value of 8.1
- perfect solution for passive houses
- sound reduction index Rw 34 dB
- can be used with roofing products as TPO, PVC, EPDM single ply or torched down membranes
- range of internal and external accessories available

TECHNICAL SPECIFICATION

Flat roof skylight DEF Solar DU6



I. APPLICATION

| | |
|--------------|------------------------------|
| Installation | required roof pitch 2° - 15° |
| | deck mounted |

II. FEATURES

| | |
|-----------------|---|
| Frame structure | multi-chamber PVC profile insulated with polystyrene |
| Glazing | DU6 - triple pane passive glazing with TGI warm spacers, argon gas and two low-E coatings. Tempered external and laminated internal glass. |
| Termination Bar | included aluminum profiles to secure roofing membrane into the skylight frame |
| Opening method | electric in Z-wave wireless system |
| Warranty | 5 years for skylights 20 years for laminated glass against hail (restrictions apply) 10 years for glass seal 2 years for electrical elements and gas springs |
| Equipment | - ZRH12 remote control - ZZ60h power supply - ZRD rain sensor |

III. TECHNICAL PARAMETERS

| Technical parameters | Glazing unit type | | |
|------------------------------|-----------------------------|------|------------------------|
| | Unit | DU6 | Harmonised standards |
| U-factor | [BTU/h ft²F] | 0.23 | NFRC 100 |
| U-factor for glazing unit | [BTU/h ft²F] | 0.18 | NFRC 100 |
| Visible transmittance factor | - | 0.35 | NFRC 200 |
| Condensation resistance | - | 71 | NFRC 500 |
| SHGC | - | 0.26 | NFRC 200 |
| Wind load resistance | Class C5/B5 Class C2/B2* | | EN14351-1:2006+A2:2016 |
| Impact resistance | Class 5 - 950 mm | | EN14351-1:2006+A2:2016 |

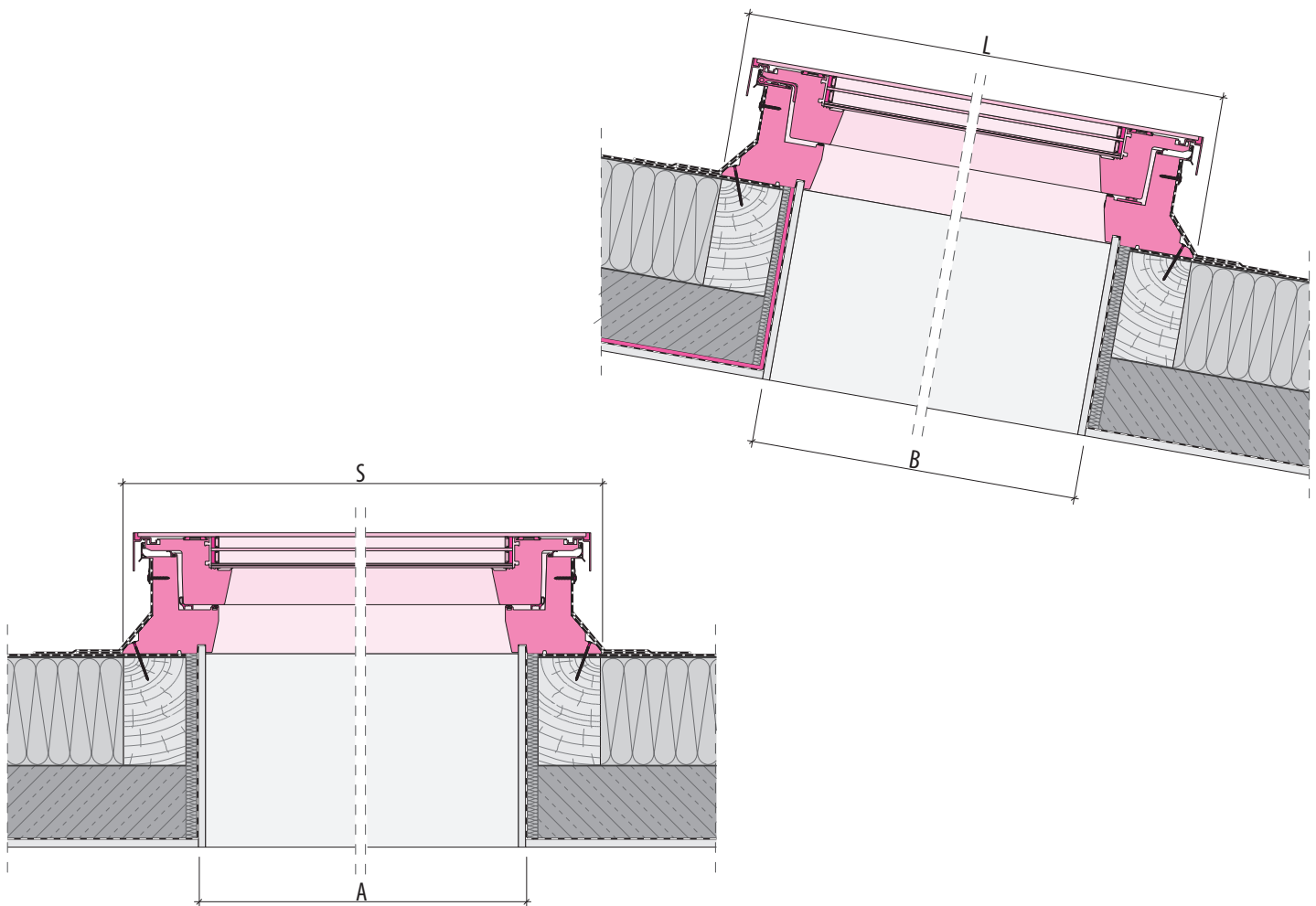
*for windows wider or longer than 55"

IV. OPTIONAL ACCESSORIES

| | |
|----------------------|--|
| Mounting accessories | - the XRD installation base allows raising the window above the roof by 6". Maximum 2 bases can be joined. - the XRD/W installation base allows raising the access roof light above the roof by 6". Maximum 3 bases can be joined. - the XRD/A installation base allows raising the roof light mounting angle by 3°. |
| External accessories | - AMZ/F Solar awning blind |
| Internal accessories | - ARF/D, ARF/D Z-wave blackout blinds - APF/D pleated blinds |

V. DIMENSIONS

| Size | | 30" x 30" | 30" x 36" | 36" x 36" | 36" x 48" | 48" x 48" |
|---------------------|-----|---|---|---|---|---|
| Rough opening (AxB) | in. | 29 ⁷ / ₈ x 29 ⁷ / ₈ | 29 ⁷ / ₈ x 34 ³ / ₄ | 34 ³ / ₄ x 34 ³ / ₄ | 34 ³ / ₄ x 46 ⁵ / ₈ | 46 ⁵ / ₈ x 46 ⁵ / ₈ |
| Outside frame (SxL) | in. | 39 ¹ / ₄ x 39 ¹ / ₄ | 39 ¹ / ₄ x 44 ¹ / ₈ | 44 ¹ / ₈ x 44 ¹ / ₈ | 44 ¹ / ₈ x 55 ⁷ / ₈ | 55 ⁷ / ₈ x 55 ⁷ / ₈ |



FAKRO America LLC
39 W. Factory Road, Addison, IL
Ph: 630-543-1010 / office@fakrousa.com