

# MONTANATHERM® - light elements order form

Glass-fibre reinforced double-layer/acryl light elements matching MONTANATHERM® MTD TL 85 - 165 roof elements.

The pitch of the roof must be at least 10% for transverse transverse joints. Distance between purlins max. 2 m, max. element length 8.50 m

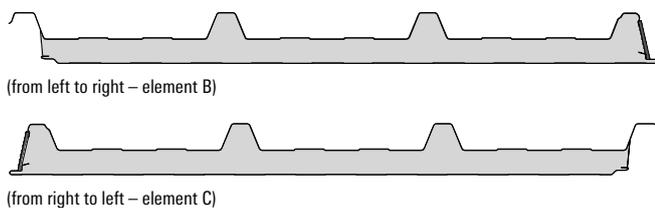
## Purlin distances

Load [kN/m <sup>2</sup> ]	Span b1-bn[m]
0.75	2.00
1.00	1.50
1.75	1.30
2.00	1.00

It is advisable to use only individual panels as light elements! The installation recommendations in relation to the sealing compound and sealing strips inside and outside as well as in the transverse and longitudinal transverse joint areas must be adhered to!

## Section B-B

Fitting direction from the eaves to the ridge



## Cross section



The screw connection joints of the light elements are generally carried out through the foam core onto the purlins as well as the lateral overlaps approx. every 500 mm on the roof elements

Can only be walked on using formwork boards!

## Order

e = \_\_\_\_\_ mm  
 b1 = \_\_\_\_\_ mm  
 b2 = \_\_\_\_\_ mm  
 b3 = \_\_\_\_\_ mm  
 b4 = \_\_\_\_\_ mm  
 b5 = \_\_\_\_\_ mm  
 bn = \_\_\_\_\_ mm  
 a = \_\_\_\_\_ mm

## Execution

- Acryllux Victory Standard design U value approx. 2.7 W/m<sup>2</sup>k  
 Acryllux VISION With PET honeycomb core U value according to type approx. 1.7 – 1.1 W/m<sup>2</sup>k

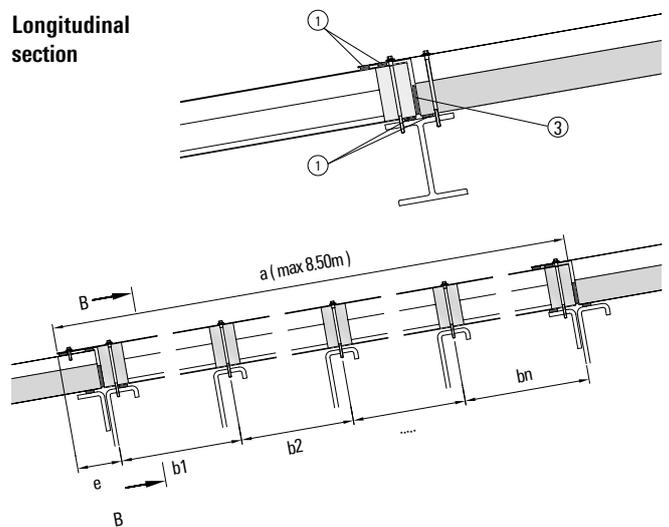
## Profile type

- MTD TL 85/1000  MTD TL 125/1000  
 MTD TL 145/1000  MTD TL 165/1000

## Requirement

- B-Element \_\_\_\_\_ no. of items fitting direction according to drawing  
 C-Element \_\_\_\_\_ no. of items fitting direction according to drawing

## Longitudinal section



## Recommendation/ Sealing

- 1 ISO-Bloco Kombi 300 (20x4 mm) 8 m rolls  
 2 ISO-Bloco Band A450 SK (10x40 mm) 10 m rolls  
 3 ISO-Membra SX (30x6/18 mm) 5.6 m rolls

## Fall protection device

Under the laws and regulations currently in force, appropriate fall protection devices must be fitted when carrying out roof works. Skylights (dome lights, light elements, etc.) must be guaranteed shatter-proof through suitable collective measures such as protective grids or mesh inserts.

Customer \_\_\_\_\_  
 Contact person \_\_\_\_\_  
 Post code/city \_\_\_\_\_  
 Telephone no. \_\_\_\_\_  
 week of delivery \_\_\_\_\_  
 Delivery address \_\_\_\_\_  
 Post code/city \_\_\_\_\_  
 Signature \_\_\_\_\_