

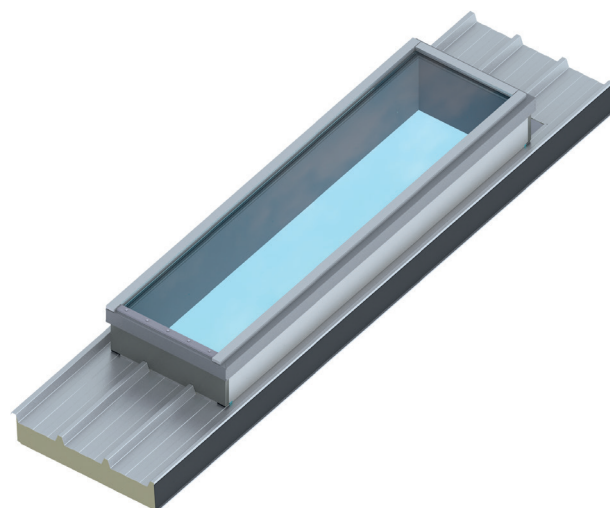
ADJUSTMENT BASE NEO

MONTANATHERM® roof elements with fixed glazing or skylight

The incidence of light plays a decisive role in the design of roofs. Skylight domes or skylights must not only act as a source of light and heat protection, but also as a roof exit and smoke and heat extraction system. We offer the perfect solution with the new generation of our adjustment base.

The particularly slim frame structure and integrated fixed safety glazing create a pleasant daylight atmosphere in rooms and at the same time provide a clear view of the sky. This innovation is suitable for flat pitched roofs in the range from 3.4° to 10°. The adjustment base is not only characterised by its easy handling, but also by its outstanding technical properties:

- Maximum daylight incidence and view
- Can be combined with high-quality glass products made of double or triple insulating glass
- The choice of a robust outer pane made of toughened safety glass ensures puncture resistance and hail resistance
- Available in 3 different standard sizes:
NEO 1: 700 x 2000 mm
NEO 2: 700 x 2500 mm
NEO 3: 700 x 3000 mm



The technical data speaks for itself: The adjustment base NEO can be installed in all our MONTANATHERM® roof panels (MTD TL 85 - 185). The prefabricated elements enable effortless installation on the roof. This also makes it easy to install roof windows from system window profiles. The new generation of the adjustment base combines aesthetics, functionality and technology in an impressive way.

COLORS

The colours of the NEO adjustment base correspond to the respective colours of the MONTANATHERM® roof elements ordered on the outside and inside (the field of liquid plastic is excluded).

STATIC

The span table for MONTANATHERM® roof panels is definitive. The width between supports needs to be adjusted on loads of > 1.0 kN/m². The opening must be installed flush with the purlins, maximum displacement 100 mm. No additional load may be placed on the NEO adjustment base during the construction period and the openings must be secured according to SUVA guidelines!

TECHNICAL SPECIFICATIONS

The maximum element length is 10'000 mm. The position of the adjustment base NEO can only be selected lengthwise to the roof panel (max. 3000 mm). The position transverse to the roof element cannot be selected. The adjustment base NEO has a thermal transmittance (U-value) of 0.50 W/(m²K). With triple insulating glazing, it is 0.60 W/(m²K). The minimum recommended roof pitch is 6%. The minimum recommended roof pitch for a transverse joint is 10%. The distance between the stringers are according to our span table and the respective profile type. The stringers are continuous in the light areas due to static reasons if the light measurement is longer than 2.50 m.

We will be happy to assist you with the planning and realisation of your fixed glazing. A corresponding form is available for enquiries or orders ([link](#)).