

# HIGHLUX®

## Corrugated Sheets

*Intelligent Roofing*



**MÖNCH**  
Kunststoff-Technik GmbH

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The sheet is completely protected against UV radiation by the "Naturally UV-Stable Technology."



## Corrugated Sheets

### Intelligent Roofing

HIGHLUX® corrugated sheets are extruded from acrylic molding compounds according to state-of-the-art methods, and combine the unsurpassed weather resistance of acrylic with excellent impact strength. That makes HIGHLUX® the ideal choice for structural glazing.



#### Natural protection against yellowing and loss of light transmission.

As well as providing us with light and warmth, the sun also emits UV radiation. An increasing proportion of harmful UV radiation is reaching the earth due to the hole in the ozone layer.

HIGHLUX® is made up of extremely strong, UV-stable molecules throughout the material. The special NATURALLY UV-STABLE technology stabilizes HIGHLUX® from the inside out and protects the entire sheet, not just its surface. That means maximum protection against UV radiation, yellowing and loss of light transmission.

### Unsurpassed brilliance and lasting good looks

HIGHLUX® shows excellent resistance to UV light. It does not become yellow or brittle even after many years of outdoor exposure.

HIGHLUX® corrugated sheets are impact-resistant and therefore ensure problem-free installation and hail resistance. Their special profiles make it very simple to build high-quality roof glazing.

Their smooth surfaces enable dust and soiling to be washed off by the rain.

The variety of grades offer huge scope for creative design.

Formed parts for wall flashings and ridge covers add further possibilities.

Equipped with a special coating, HIGHLUX® corrugated sheets can also be used for sunscreening.

HIGHLUX® corrugated sheets are available in the following standard profiles:



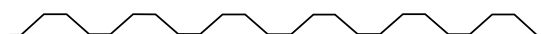
HIGHLUX® SWP 76/18 in 1.5 and 3mm thickness



HIGHLUX® SWP 130/30 in 3mm thickness

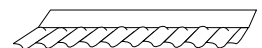


HIGHLUX® SWP 177/51 in 3mm thickness

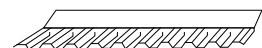


HIGHLUX® TWP 76/18 in 1.5mm thickness

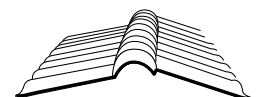
HIGHLUX® Formed part SWP 76/18, wall flashing



Formed part TWP 76/18, wall flashing



HIGHLUX® Formed part SWP 76/18, ridge cover  
Set of two



Formed part TWP 76/18, ridge cover  
Set of two



## HIGHLUX® corrugated sheets

### Range

Here is an overview of our standard range.  
Special grades are available on request.



HIGHLUX® corrugated sheets (SWP) 76/18 in 3mm thickness,  
Clear smooth, Clear W texture, Clear C texture,  
Brown W texture, Brown C texture

Sheet lengths in mm (other lengths on request)	2000, 2500, 3000, 3500, 4000, 5000, 6000 and 7000
Sheet thickness in mm	ca. 3
Sheet width in mm	1045
Useful width in mm	980
Purlin spacing for roof glazing in mm	850



HIGHLUX® corrugated sheets (SWP) 130/30 in 3mm thickness  
Clear smooth, Clear W texture

Sheet length in mm (other lengths on request)	2000, 2500, 3100 and 3300
Sheet thickness in mm	ca. 3
Sheet width in mm	1000
Useful width in mm	910
Purlin spacing for roof glazing in mm	900

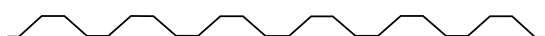


HIGHLUX® corrugated sheets (SWP) 177/51 in 3mm thickness,  
Clear smooth, Clear W texture

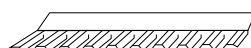
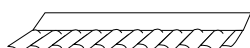
Sheet length in mm (other lengths on request)	2000, 2500, 3100 and 3300
Sheet thickness in mm	ca. 3
Sheet width in mm	920
Useful width in mm	850
Purlin spacing for roof glazing in mm	1200



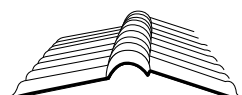
HIGHLUX® corrugated sheets (SWP) 76/18 in 1.5mm, Clear smooth, Clear C texture, Brown smooth, Brown C texture	
Sheet length in mm (other lengths on request)	2000, 2500, 3000, 3500, 4000, 5000, 6000 and 7000
Sheet thickness in mm	ca.1.5
Sheet width in mm	1045
Useful width in mm	980
Purlin spacing for roof glazing in mm	850



HIGHLUX® trapezoidal corrugated sheets (TWP) 76/18 Clear smooth, Clear C texture, Brown smooth, Brown C texture	
Sheet length in mm (other lengths on request)	2000, 2500, 3000, 3500, 4000, 5000, 6000 and 7000
Sheet thickness in mm	ca. 1.5
Sheet width in mm	1045
Useful width in mm	980
Purlin spacing for roof glazing in mm	850



Wall flashing for SWP and TWP 76/18 Clear smooth	
Sheet thickness in mm (initial thickness)	ca. 1.5
Sheet width in mm	1045
Length in mm	150



Ridge cover for SWP and TWP 76/18 (set of 2 pieces) Clear smooth	
Sheet thickness in mm (initial thickness)	ca. 2.5
Sheet width in mm	1045
Length in mm	270







## Special Properties for Special Requirements

The unsurpassed weather resistance of HIGHLUX® is of great advantage for all outdoor uses.

Moreover, HIGHLUX® corrugated sheets are hail-resistant and can withstand somewhat rough treatment on building sites. They are extremely versatile in use and can be installed on very simple supporting structures.

A wide range of different grades is available to suit the most varied applications. Whether you are planning a carport, want to install a patio roof or a canopy over loading ramps, you can be sure of finding the right technical and creative solution in our HIGHLUX® range.

You will find the accessories you need for installation and fabrication (such as screws, suitable sawblades or drills) at authorized distributors. Technical brochures are available that provide more detailed information on installation and fabrication.

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, also with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer.

Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

® = registered trademark

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