

**PLEXIGLAS®**  
Solid Sheet and Block

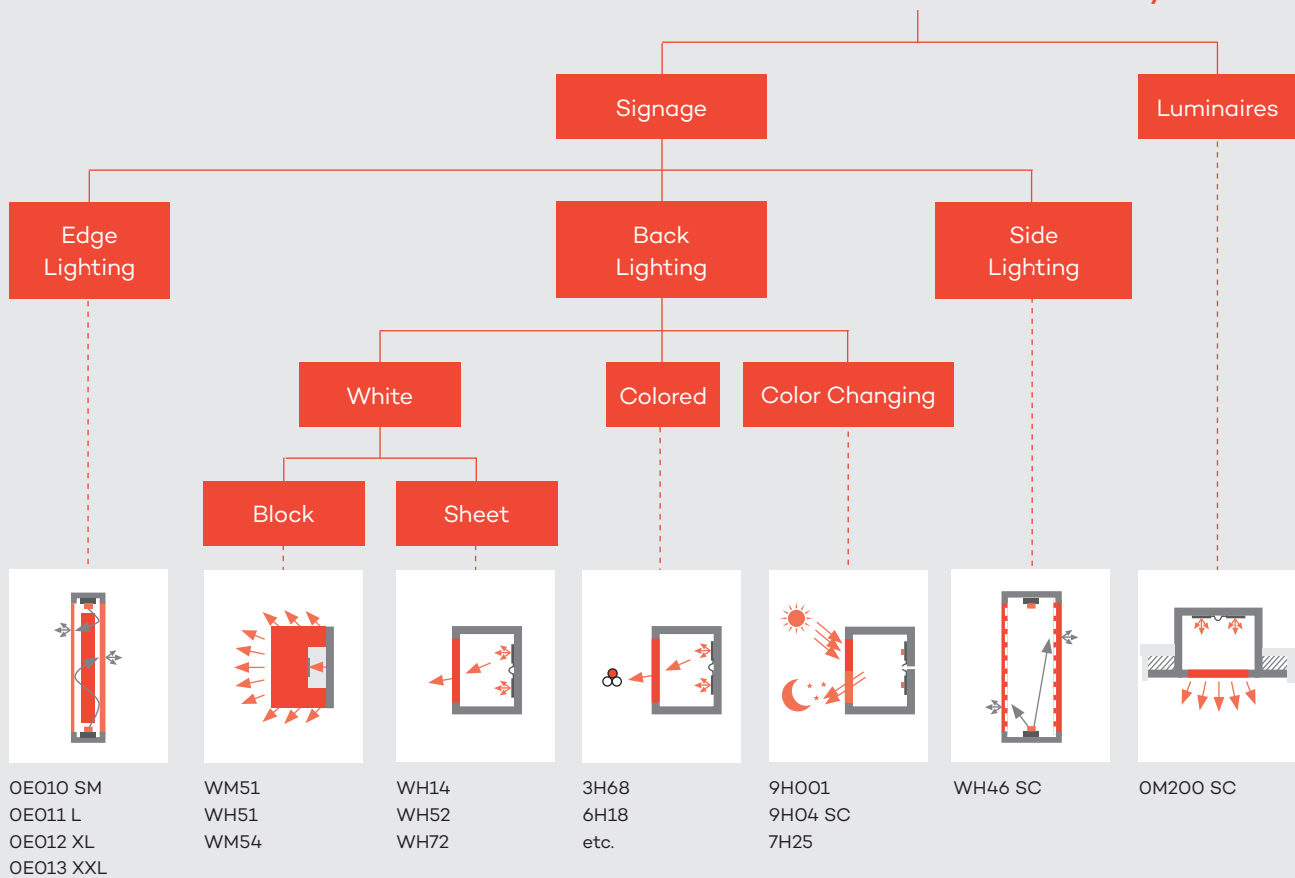
**PLEXIGLAS® LED**

**Product Family - Overview**

The PLEXIGLAS® LED product family contains all grades that take full advantage of the lighting benefits offered by LEDs. Versatile lightemitting diodes (LEDs) provide new options for lighting design combined with energy savings and low maintenance.

For further details, please consult the PLEXIGLAS® Sales Handbook and the data sheets on the individual grades.

**PLEXIGLAS® LED Family**



## Applications

The different materials were mainly developed for the following applications:

### Light fixtures

- Backlighting with high light transmission and balanced light diffusion:  
PLEXIGLAS® LED for light fixtures (Ref. No. 232-22)

## Illuminated signs

- Edge lighting for ultra-slim luminous surfaces:  
PLEXIGLAS® LED for edge lighting (Ref. No. 212-15)
- Direct backlighting with various effects:  
PLEXIGLAS® LED for backlighting
  - White: Ref. No. 222-25
  - Colored: Ref. No. 222-26
  - Color-changing: Ref. No. 222-27
- Side lighting in light-box signs  
for optimized illumination using special LED modules:
- PLEXIGLAS® LED for side lighting (Ref. No. 222-28)

These LED lighting techniques are of course also used for related applications, such as exhibition booths and store fixtures, as well as in other markets.

**Röhm GmbH**  
Acrylic Products

Riedbahnstraße 70  
64331 Weiterstadt  
Germany

**www.plexiglas.de**  
**www.roehm.com**

® = registered trademark

PLEXIGLAS is a registered trademark of Röhm GmbH, Darmstadt, Germany.  
Certified to DIN EN ISO 9001 (Quality) and DIN EN ISO 14001 (Environment)

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, including 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.