



## WIEHAG SOLUTION FOR THE BUILDING SHELL



### PREFABRICATED:

- ✓ Up to 97% prefabrication
- ✓ Shortest assembly time to roof impermeability
- ✓ Standardised connections and details
- ✓ Penetrations, gullies and PV brackets installed at factory
- ✓ Large-format panels up to 2.50 x 22.50 m

### SAFE:

- ✓ Tested quality and proven materials
- ✓ Fire-tested fittings up to REI 90
- ✓ Very high drying potential
- ✓ Tested quality and control by ÜA certification
- ✓ Full-surface bonding of EPDM film at the factory
- ✓ Panel-by-panel compartmentation, maximum 55 m<sup>2</sup>
- ✓ Hail-resistant thanks to OSB plate

### ECOLOGICAL:

- ✓ Resource-conserving, renewable raw material
- ✓ High heat insulation value – passive house standard possible
- ✓ Improved tightness of the building shell

### LARGE SELECTION OF SOFFITS VERSATILE AND HIGH QUALITY:

- ✓ Choice of different soffits e.g. OSB, trapezoidal sheet, perforated boards, 3S boards (colour coatings possible)
- ✓ EPDM roof film without plasticisers
- ✓ Tested decades of service
- ✓ Alternatively, back-ventilated metal roof or sliding arch roof
- ✓ Photovoltaic systems possible following structural inspection

Further information can be found in the "WIEHAG Roof Panels" brochure

[OVERVIEW OF ALL BROCHURES >](#)

Assembly joint panel structure example:



**DACHHAUT**  
1.52 mm  
EPDM Dachbahn

**OSB**  
Oriented  
Strand Board,  
ungeschliffene  
Flächpressplatte

**RIEGELWERK**  
Konstruktionsvollholz  
technisch getrocknet  
15 ± 3 %

**HOCHWERTIGE  
DÄMMUNG**  
Mineralwolle,  
hydrophobiert

**KLIMAMEMBRANE**  
atmungsaktive  
Polyamid-Folie,  
WIEHAG Sonderbreite

