



Maximum thermal efficiency meets unique processability: VA-THERM

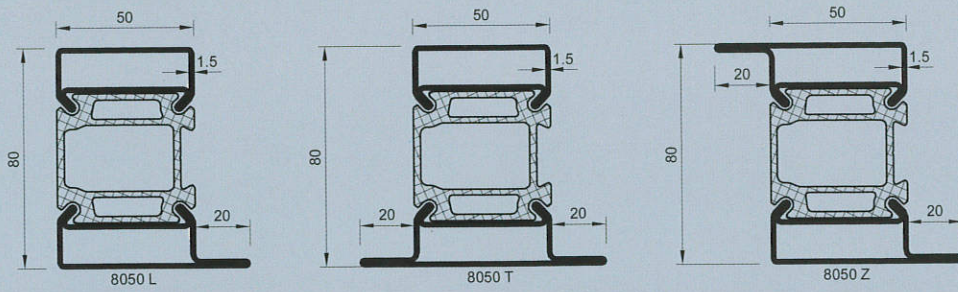
Best heat transmission coefficient, innovative modular construction system, fast and easy processability: VA-THERM is the next generation of thermally insulating system profiles for completely new planning and design opportunities – optimized for doors and portal structures of all sizes outdoors.

Thermal insulation using conventional steel profiles is associated with a significant installation depth and makes heavy demands on processing. Thanks to a minimized installation depth (80 mm) and high quality, VA-THERM harmonizes design and thermal insulation better than ever before. With a U_i value above $1.5 \text{ W/m}^2\text{K}$, VA-THERM delivers impressive thermal break insulation using steel profiles. The innovative modular construction system of VA-THERM enables incremental improvement of the heat transfer.

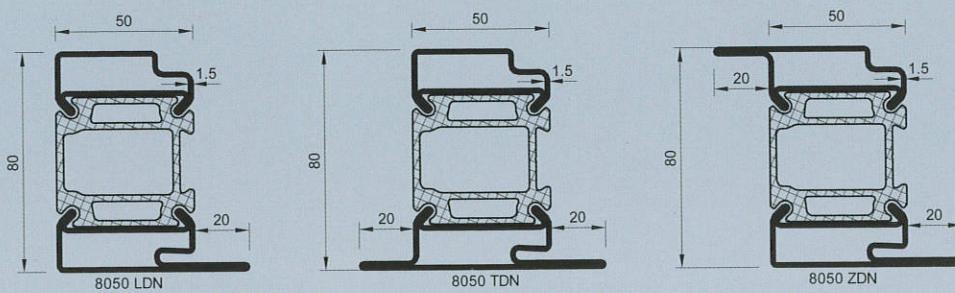
Implement the next stage of thermal break insulation. Give free rein to your ideas.

- Best U_i value for thermal break insulation using steel profiles
- Good, easy and fast processability
- Maximum profile stiffness/strength – for maximum resistance to break-ins
- Free choice of accessories by trade/processor
- Coordinated system components are included – glazing beads, seals, etc.
- Unbeatable price/performance ratio

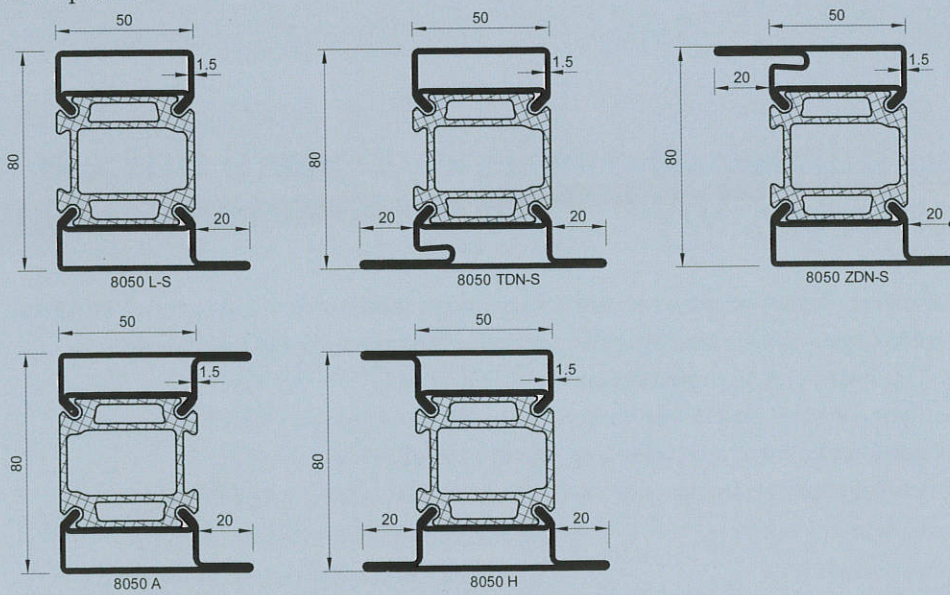
Profile ohne Dichtungsnut
 Profiles without gasket groove



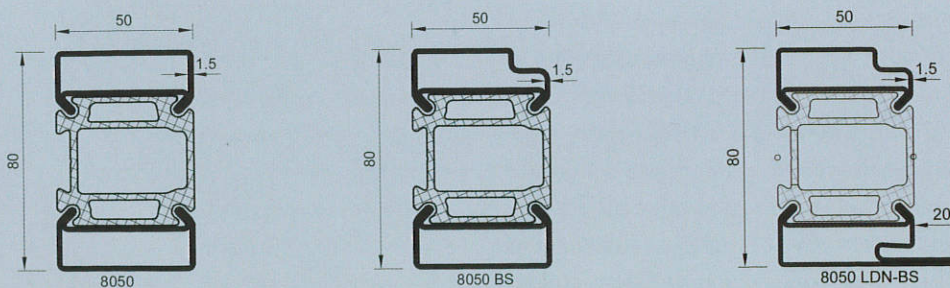
Profile mit Dichtungsnut
 Profiles with gasket groove



Sockelprofile
 Base profile



Sonderprofile
 Special sections



VA-THERM: Technische Spezifikationen

VA-THERM steht für Design, Funktion und Vielfalt. Dank der einzigartigen Materialkompetenz der voestalpine Krems zeichnet sich VA-THERM durch Qualität und Langlebigkeit aus. Gleich-

zeitig werden die höchsten Sicherheitsanforderungen erfüllt. Mit einer erstaunlich geringen Anzahl unterschiedlicher Profiltypen eröffnen sich fast unlimitierte Möglichkeiten für das Design.

Technische Daten / Eigenschaften:

- Stahlprofile aus verzinktem Stahlband
- Materialdicke 1,5 mm
- Profile mit schubfestem Verbund
- Hohe Stabilität durch hochwertige Kunststoffprofile
- Stahl- und Kunststoffprofile sind pulverbeschichtbar
- Innovatives Baukastensystem – Verbesserung des Wärmedurchganges schrittweise möglich

Generelle Daten:

- Bautiefe 80 mm
- Ansichtsbreiten für
 - Mauerschlussprofile 70 mm
 - Sprossen und Kämpfer 90 mm
 - Blendrahmen (Flügel- und Zargenprofil) 132 mm
- Innen und außen flächenbündig
- Glasstärken von 20 mm bis 51 mm möglich
- Erfüllt alle Anforderungen für CE-Kennzeichnung

VA-THERM: Technical Specifications

VA-THERM represents design, function and variety. Thanks to the unique materials skills of voestalpine Krems, VA-THERM stands out for its quality and durability. At the same time, it meets

the highest safety requirements. The astonishingly small number of different profile types open up almost unlimited opportunities for design.

Technical data/properties:

- Steel profiles of zinc-plated strip steel
- Material thickness 1.5 mm
- Profiles with shear-resistant bond
- High stability due to high-grade plastic profiles
- Steel and plastic profiles are powder-coatable
- Innovative modular construction system – incremental improvement of heat transfer possible

General data:

- Installation depth 80 mm
- Visible widths for
 - Wall end profiles 70 mm
 - Bars and transoms 90 mm
 - Frames (leaf and frame profile) 132 mm
- Flush inside and outside
- Possible glass thicknesses from 20 mm to 51 mm
- Meets all requirements for CE marking

