

2. REHAU-Euro-Design 60

2.1 System Description

Windows
make
houses



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1. Profile design and technical specifications

Gasket system	Closing seal
Construction depth	60 mm
Number of chambers	3
Gasket overlap	8 mm
Seal gap	3 mm
Fitting axis	13 mm
Maximum glazing thickness	33 mm

2. Product range

Frame 64, 74, 60 with exterior fin	with or without weldable universal gasket
Mullion 78	with or without weldable universal gasket
Sash Z 60, 60 round	stepped surface with or without weldable gaskets
all profiles of the REHAU-Thermo-Design system	

3. Openings

- Side-hung windows and doors,
- Tilt and turn windows and doors,
- Tilt and awning window,
- Multi sash window and patio doors with mullion and transom,
- Two-sash window without fixed mullion,
- Fixed light,
- Polygon and round windows,
- Tilt and slide door.

4. Material

4.1 REHAU window and door profiles

RAU-PVC is weather resistant PVC in compliance with ISO 1163 - PVC-U, EDLP (082-25-28) at the case may be "RAL-Gütebestimmungen" (RAL-GZ 716/1, Section I, Teil 1), free of cadmium.

The PVC formulation PVC 1476 is increased UV-stabilized.

4.2 REHAU-gaskets

Weldable gaskets:

RAU-PREN (thermoplastic elastomer)

Non weldable gaskets:

RAU-SR (EPDM, black and grey)

RAU-SIK (silicone, white)

All gaskets are in compliance with RAL-GZ 716/1, Section II „extrudet gasket profiles“.

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5. System arguments window:

- 1**
The same closing seal in frame and sash:
 → simple production planning, reduced stocks and faster fabrication.
- Various profiles with factory fitted co-extruded weldable gaskets:**
 → cost reduction through reduced stocks and faster fabrication, excellent seating and firm adhesion of the seal to the main profile.
 The weldable gasket can be replaced if damaged.

- 2**
The reinforcement is identical to the other REHAU-profile systems:
 → reduced stocks, a mix up of reinforcements is avoided.

- Reinforcement chamber with 35 mm depth:**
 → In spite of the good thermal insulation, a reinforcement with a greater depth and thus greatest static properties can be used.

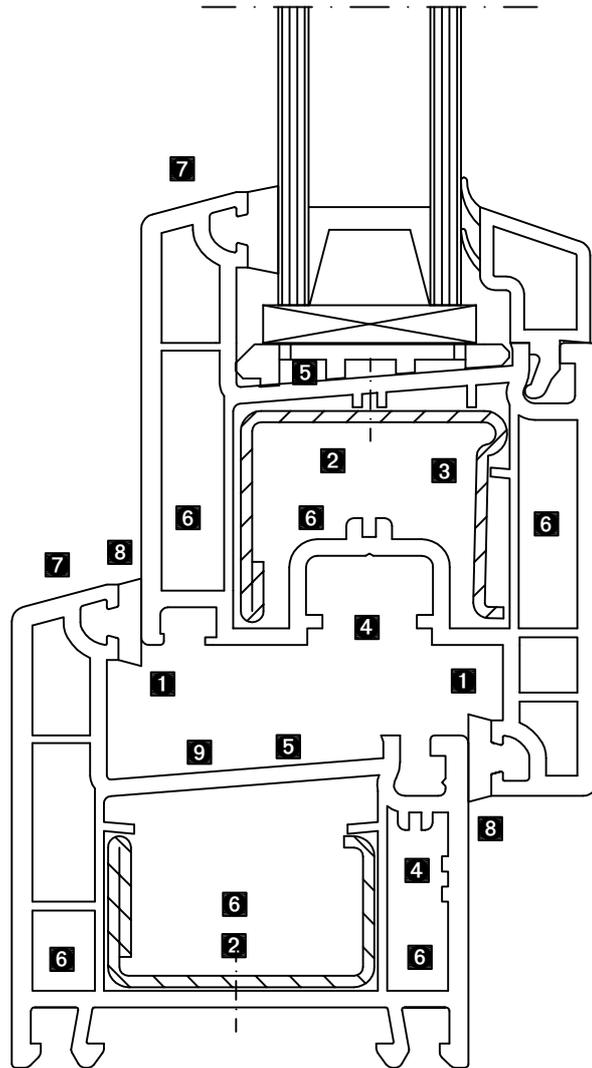
- 3**
Stub in the sash profile reinforcement chamber:
 → Stub locates the single legged reinforcement, eliminates the need to drill through steel to install the hardware (espagnolette drilling).
 → faster manufacturing, longer tool life.

- 4**
Load carrying hardware is fixed into two PVC walls or additionally into the steel reinforcement:
 → secure transfer of sash loads.

- 13 mm fitting axis:**
 → reinforced hardware parts can be used.

- 5**
Identical rebate contours in sash, frame and mullion:
 → identical end milling, makes changing the cutter tool or a second machine unnecessary.

- 6**
60 mm frame depth, "Three chamber system":
 → offers good protection against cold and noise when using the appropriate glazing.



- 7**
Appealing design:
 → Slimline chambered or sculptured sightlines.

- 8**
Two continuous closing seals with a wide overlap of sash to frame:
 → protects against drafts, dust, water and energy loss.

- 9**
Sloped rebate with a smooth surface in the frame profile:
 → easy to clean, promotes quick water drainage.

6. Compatibility to the other REHAU window systems:

	Euro-Design 60	Basic-Design	Thermo-Design	Thermo-Design 70	Brillant-Design	Brillant-Design MD
The same reinforcement						
The same manufacturing deductions						
The same fittings						
The same gaskets						