

SYSTEM 1400

TECHNICAL INFORMATION
SYSTEM DESCRIPTION

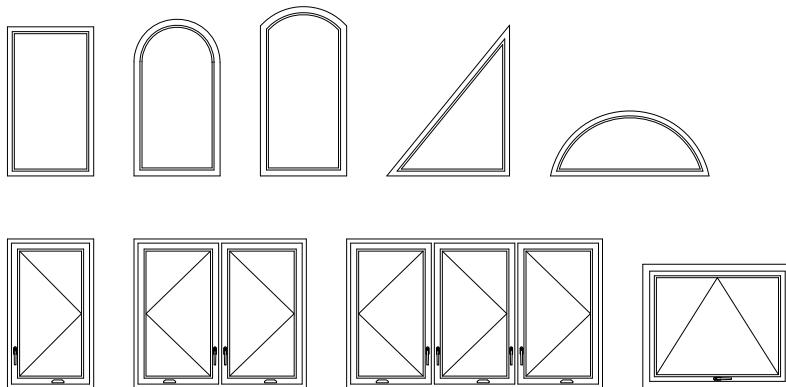
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SYSTEM DESCRIPTION

Description, Technical Data

Window Types	Fixed windows, casement windows, awning windows
Material	Cadmium- and lead-free RAU-PVC
Sealing System	Triple seal system
System Depth	82.5 mm (3 1/4") and 117 mm (4 5/8")
Hinge Allowance	11.4 mm (7/16")
Max. Glass Thickness	35 mm (1 3/8")
Sightlines Frame / Sash	88 mm (3.464")
Colors	White and beige; woodgrain and solid colored film can be laminated on the inside and outside surfaces
U-Values	Down to 0.16 (Btu/hr*ft²°F)
Structural Tests	Small picture frame, up to design pressures of 75 psf
	Large picture frame, up to design pressures of 80 psf
	Awning window, up to design pressures of 60 psf
	Casement window, up to design pressures of 75 psf
Sound Reduction	Up to 40 db

Testing on our window and door systems is ongoing. Contact your REHAU representative for the latest test results.

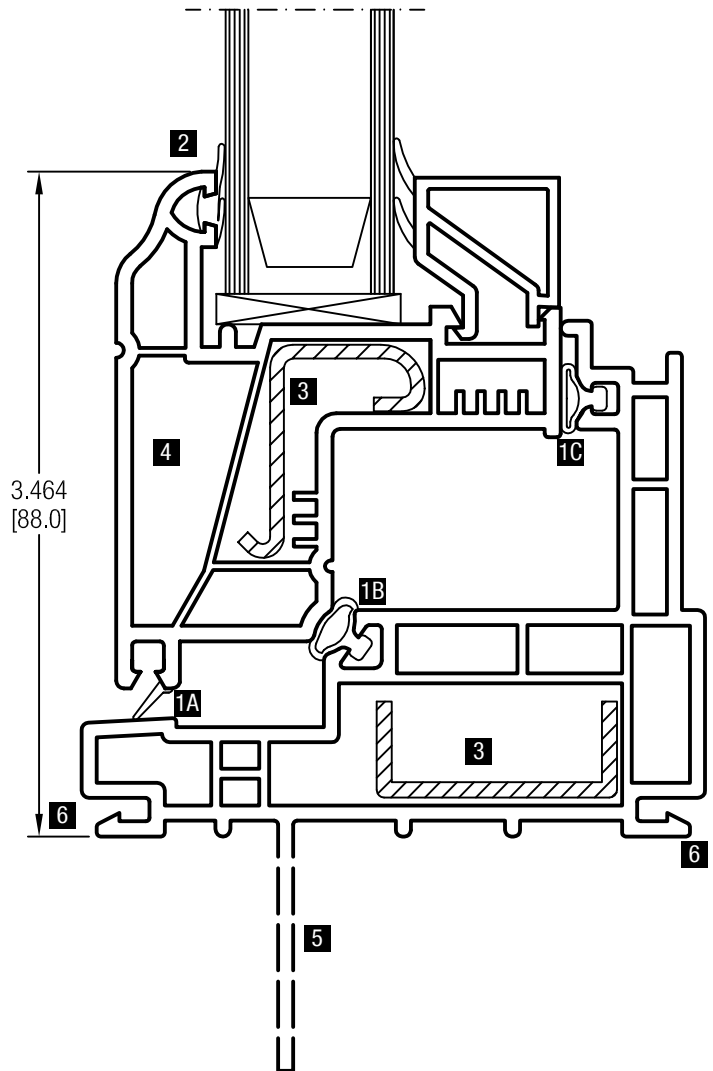


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Features and Benefits for Operable Windows

- 1 Triple seal system (with optional weldable bulb seal)**
For optimal air and water performance
- 1A Fin seal**
Provides barrier against dust and dirt infiltration into hinge area
- 1B Center seal**
Minimize water infiltration in hardware area. Seal is field replaceable and removable if damaged
- 1C Primary seal**
Provides uninterrupted seal around perimeter. Seal is field replaceable and removable if damaged
- 2 Integral, weldable dry glazing**
Allows easy glass replacement
- 3 Reinforcement**
Provides high structural performance
- 4 Pre-chamber in sash**
Improves thermal performance and separates drainage from reinforcement
- 5 Nailing fin**
Option for new construction application
- 6 Grooves on interior and exterior sides of frame**
Allow various configurations and applications

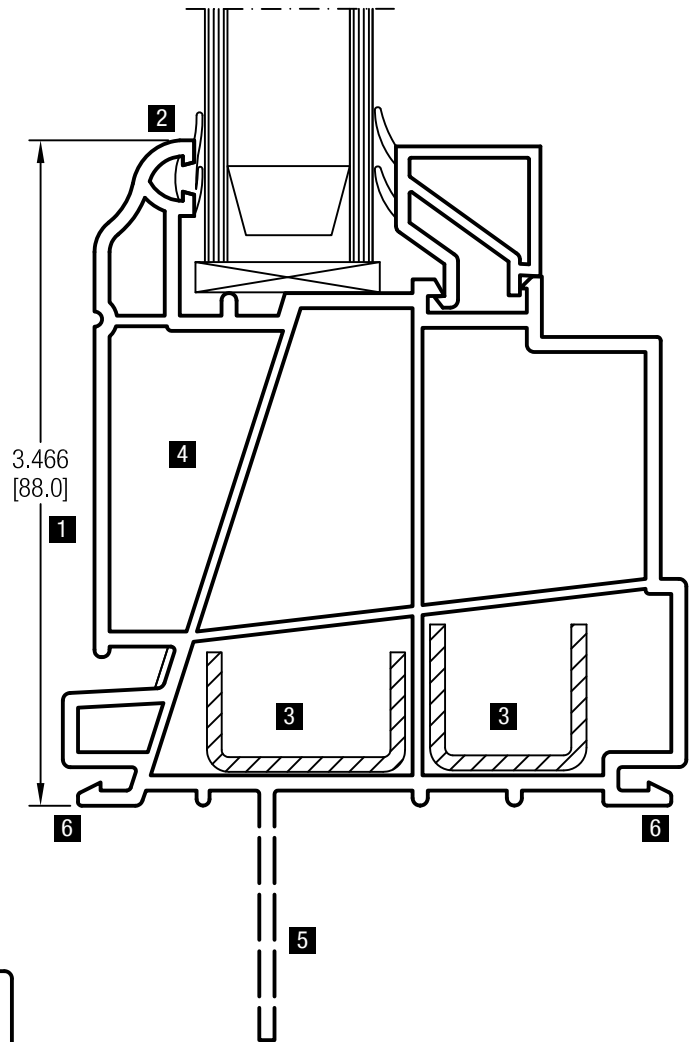
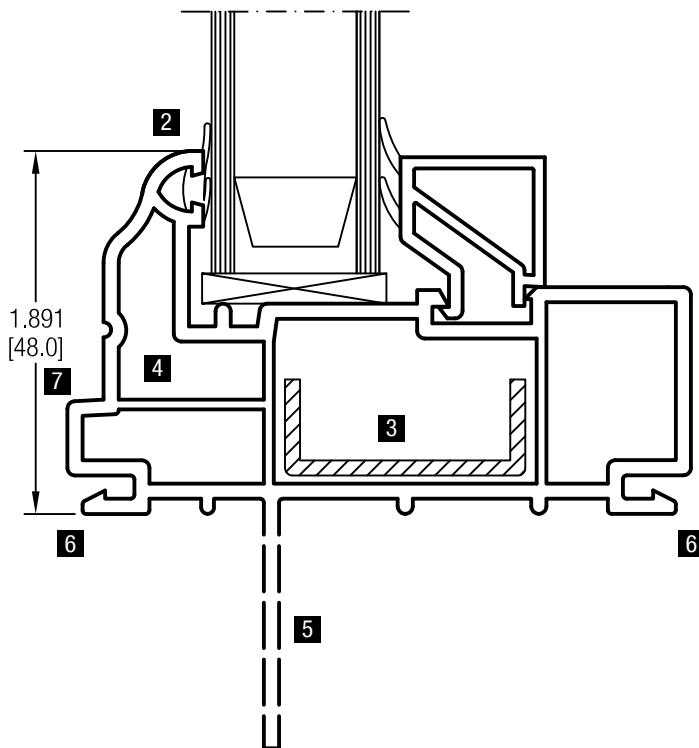


SYSTEM 1400

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Features and Benefits for Picture Windows

- 1 Large picture window frame**
For matching the sightlines of casement / awning windows
- 2 Integral, weldable dry glazing**
Allows easy glass replacement
- 3 Reinforcement**
Provides high structural performance
- 4 Pre-chamber in frame**
Improves thermal performance and separates drainage from reinforcement
- 5 Nailing fin**
Option for new construction application
- 6 Grooves on interior and exterior sides of frame**
Allow various configurations and applications
- 7 Small picture window frame**
Allows small radius shaped windows and optimum daylight openings



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