

## Roto intelligent solutions

### Designo R45 WD – pivot roof window with thermal insulation (WD block)

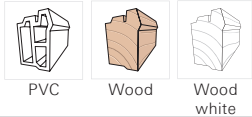


#### Technical specifications of glazing

	U <sub>g</sub> value	U <sub>w</sub> value	g value in %	sound insulation class	air permeability class
<b>Double Standard (5)</b>					
R45 H WD	1.0	1.3	52	2	4
R45 K WD	1.0	1.3	52	2	4

#### Benefits in a nutshell:

- + the rotation axis positioned in the half of the window allows optimal airing and lighting of the attic
- + thermal insulation (WD block) gives even 15% better energy balance of the roof window, optimal temperature in the house, lower heating and air-conditioning costs and airtight combination of the window with vapour barriers of the roof
- + manually and electrically operated interior and exterior accessories mean the perfect protection from the sun, optimal temperature during the summer and winter time as well interesting and original elements of the interior decoration
- + combination with R4/R7 roof windows equals more possibilities for using natural light and the effective exchange of air in the attic
- + the roof window equipped with the electrical drive means comfortable controlling in hard-to-reach areas and perfect solution for houses with "the intelligent house system"

Model of the window	+ Designo R45 WD
Type of the window	+ pivot roof window
Handle	+ convenient handle at the bottom of the sash
Material	 PVC    Wood    Wood white
Opening	+ manual / electronic
Energy efficiency	+ U <sub>w</sub> = 1,3 + thermal insulation (WD block) with better energy balance of the roof window
Easy installation	+ pre-installed assembly brackets and the roof window covering + pre-installed thermal insulation (WD block) with the vapour barrier film
Product quality	+ post-installation setting of the window + 3 locking points + 3 protective layers of the wood + third security grade (wood) and the highest fifth security grade (PVC) + a 15-year warranty period
Functionality	+ available interior and exterior accessories + possible combination with R4/R7 roof windows + electric powered roof window (optional) + safe cleaning in the cleaning position
Design	+ no visible screws in the roof window covering + modern shape of the roof window covering + attractive colour of the roof window covering – anthracite-metallic

