



Rational DOMUS[®] **- Carbon negative window.**

Cross section of Rational DOMUS[®]



One of the mainstays of the Rational Windows and Doors product line-up, the DOMUS range remains as popular as ever with architects and specifiers looking for a combination of style, durability, and sustainability.

All DOMUS windows and doors are made to measure, and can be fitted with a range of opening and closing styles. This gives a high level of design freedom which allows the creation of complex constructions such as curtain walling, screens, bays and oriels – all made to exact specifications.

Sustainable high quality timber

Quality, design and functionality are all important issues to Rational - along with using sustainable solutions.

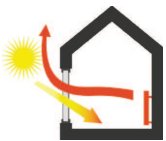
We therefore use carefully selected FSC® certified timber, where a systematic replanting scheme is carried out to actually enlarge the forest rather than cutting it back.

We get our timber from Northern European forests, where the tight cell structure ensures a high resistance to warping, splitting and bowing.



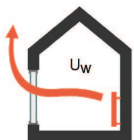
Energy Performance

- a Carbon negative solution.



Energy balance

$WER_1 = -3,0 \text{ kWh/m}^2$ with double glazing and argon.
 $WER_2 = 1,7 \text{ kWh/m}^2$ with triple glazing and krypton.



U_w value

$U_{w1} = 1,32 \text{ W/m}^2\text{K}$ with double glazing and argon.
 $U_{w2} = 0,99 \text{ W/m}^2\text{K}$ with triple glazing and krypton.



Green commitment - FSC® certified.
The mark of responsible forestry.



Rational is part of the Wood Window Alliance.



Rational windows and doors can be made to SBD specification.



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Sustainability

To keep the timber strong and healthy for years to come, we impregnate prior to jointing. To ensure high levels of sustainability we only use water-borne treatments. The finished windows and doors can then be painted in a choice of colours or stained to enhance the natural timber finish, again with water-borne products.



Contemporary design

Only DOMUS can give you a contemporary design in a high performance all-timber window. The high quality windows and doors will give an elegant finish to your home, and make it shine.



Tailor-made

DOMUS is a popular choice for modern new-build residential building, and in renovation projects. The windows and doors are made-to-measure to match your home's bespoke requirements.



DOMUS is just one of a range of windows and doors from Racional that bring stylish solutions to housing, commercial and industrial properties, without sacrificing any sustainability or performance issues.

Project Black House

