

Energy certificate in Germany

Energy pass for new, refurbished, sold or rented buildings

► Calculated energy requirement [kWh/(m²*a)]:

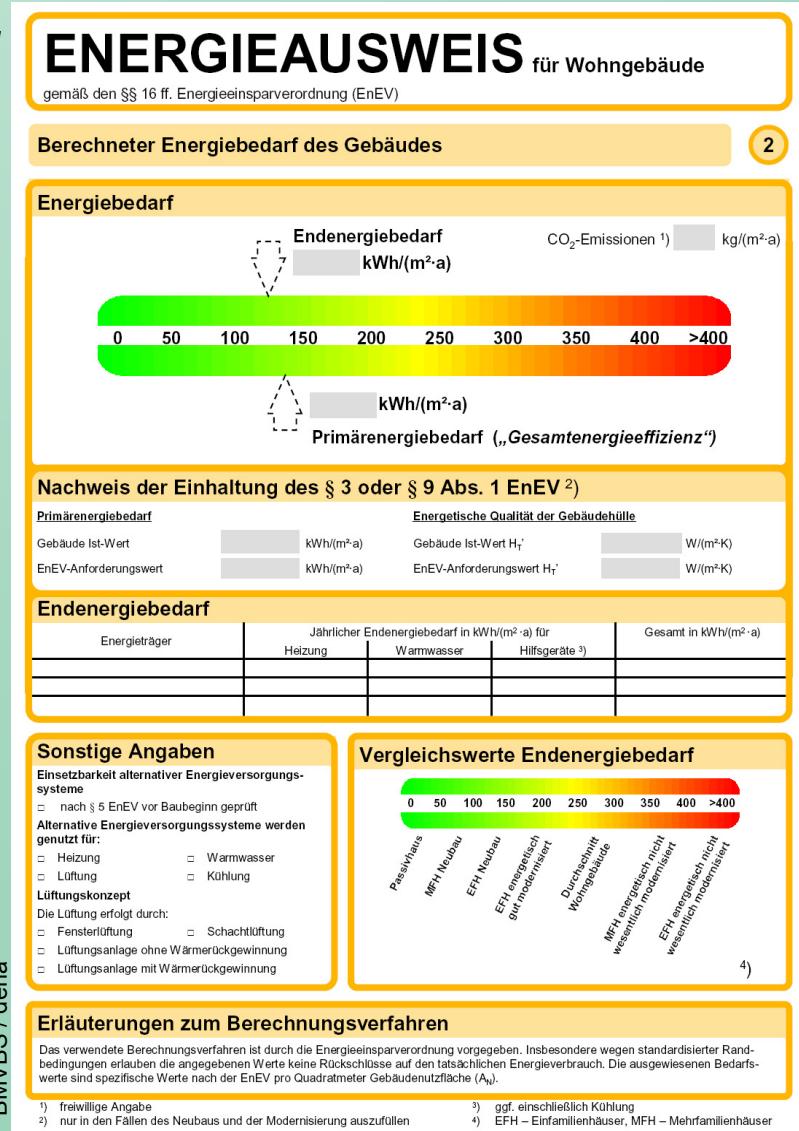
- end energy for heating, DHW, *ventilation, cooling*
- primary energy (« total energy efficiency »)
- energy quality of building envelope ($H_T' = U_{\text{building}}$)
- optional: CO₂ emissions [kg/(m²*a)]

► Actual energy consumption [kWh/(m²*a)]:

(buildings with > 4 flats, energy standard 1977-94)

- use of energy bill (min. 3 years)
- adjusted degree days
- end energy for heating, DHW

Reference values for end energy Recommendations



TREES

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