



| Property   | Value   | Norm             |
|--|---|------------------|
| Thickness Carrier<br>Thickness Heater<br>Thickness Cover     | 6 mm – 21 mm<br>1,5 mm – 2,5 mm<br>2 mm – 4 mm  | acc. DIN         |
| Water absorption   | 8 % –10 % after 24 hour<br>water storage  | COP Test         |
| Fire classes   | S 5, SR 2, ST 2   | DIN 5510 T2:2009 |
| heat conductivity<br>carrier POLYVAN®<br>carrier WARO® floor | $\lambda = 0,133 \text{ W/mK}$<br>$\lambda = 0,046 \text{ W/mK}$  |                  |
| Noise reduction value  | $R_{W,Air} = 20 \text{ dB}$ up to 36 dB<br>untested   | ISO 140-3        |
| Glueing category   | A2, A3  | DIN 6701 T2      |
| surface temperature range                                    | maximal permitted: 90°C<br>regular working modus: 27°C<br>safety shutdown: 45°C   |                  |
| Power consumption  | approx. 525 W/m <sup>2</sup>  |                  |
| Weight   | <ul style="list-style-type: none"><li>• approx. 19 Kg/m<sup>2</sup> at 16,5 mm thickness (w/o floor cover)</li><li>• approx. 23 Kg/m<sup>2</sup> at 18,8 mm thickness (2 mm caoutchouc floor cover)</li></ul> |                  |

# WAROTEC® EH

## HEATER UNIT

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## PRODUCTDESCRIPTION

The **WAROTEC® EH** heater unit consists of a carrier, a heater layer and a cover layer.

The unit is designed for a local floor heating with a maximum temperature lift of 60 K at a power consumption of approx. 525 W/m<sup>2</sup> having a 230 VAC voltage feed.

Either an intelligent or passive control is available. The passive unit is common for control via the HVAC, having a NTC 5 K $\Omega$ , PT 100 or PT 1000 as temperature sensors.

A bimetalic switch is installed as an additional abnormal temperature protection (max. temperature 40°C).



## QUALITY

The carrier is POLYVAN®-plywood  
- a special Aquastop-cover protects against weathering and humidity.

The heater can be produced in a power range between <math>100 \text{ W/m}^2</math> and

The cover is an electrically conductive material, which shows a reliable puncture resistance at once.

## ADVANTAGES

- modular design
- high noise damping
- high mechanic strength
- easy to install
- low installation height

