

Declaration of Performance Nr. **DoP\_en\_2018** – Declared performance component

<b>Component</b>	<b>Resistance to fire</b>	<b>U [W/m<sup>2</sup>K]</b>	<b>R<sub>T</sub> [m<sup>2</sup>K/W]</b>	<b>Vapour permeability and moisture resistance</b>	<b>R<sub>w</sub> [dB]</b>	<b>L<sub>n,w</sub> [dB]</b>
<b>External wall</b>						
<b>ew_v_in_wf_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,296	apt	≥ 51(battens fastened shifted or crossed) ≥ 44(battens directly fastened on the structural timber)	-
<b>ew_v_in_mw_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,198	apt	≥ 51(battens fastened shifted or crossed) ≥ 44(battens directly fastened on the structural timber)	-
<b>ew_v_in_wf_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,296	apt	≥ 51(battens fastened shifted or crossed) ≥ 44(battens directly fastened on the structural timber)	-
<b>ew_v_in_mw_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,198	apt	≥ 51(battens fastened shifted or crossed) ≥ 44(battens directly fastened on the structural timber)	-
<b>ew_p_in_wf_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,209	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_mw_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,115	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-

<u>Component</u>	<u>Resistance to fire</u>	<u>U [W/m²K]</u>	<u>R<sub>T</sub> [m²K/W]</u>	<u>Vapour permeability and moisture resistance</u>	<u>R<sub>w</sub> [dB]</u>	<u>L<sub>n,w</sub> [dB]</u>
<b>ew_p_in_wf_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,209	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_mw_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,115	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_wf_mwpt_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,209	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_wf_mwpt_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,209	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_mw_mwpt_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,115	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_mw_mwpt_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,115	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_wf_cork_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,209	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-

<b>Component</b>	<b>Resistance to fire</b>	<b>U [W/m<sup>2</sup>K]</b>	<b>R<sub>T</sub> [m<sup>2</sup>K/W]</b>	<b>Vapour permeability and moisture resistance</b>	<b>R<sub>w</sub> [dB]</b>	<b>L<sub>n,w</sub> [dB]</b>
<b>ew_p_in_mw_cork_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,115	apt	≥ 52(battens fastened shifted or crossed) ≥ 49(battens directly fastened on the structural timber)	-
<b>ew_p_in_wf_eps_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,209	apt	≥ 45(battens fastened shifted or crossed) ≥ 42(battens directly fastened on the structural timber)	-
<b>ew_p_in_mw_eps_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,16	6,115	apt	≥ 45(battens fastened shifted or crossed) ≥ 42(battens directly fastened on the structural timber)	-
<b>ew_p_wf_wf_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	5,069	apt	≥ 51	-
<b>ew_p_wf_mw_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	4,998	apt	≥ 51	-
<b>ew_p_wf_wf_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	5,069	apt	≥ 51	-
<b>ew_p_wf_mw_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	4,998	apt	≥ 51	-

<u>Component</u>	<u>Resistance to fire</u>	<u>U [W/m²K]</u>	<u>R<sub>T</sub> [m²K/W]</u>	<u>Vapour permeability and moisture resistance</u>	<u>R<sub>w</sub> [dB]</u>	<u>L<sub>n,w</sub> [dB]</u>
<b>ew_p_wf_mwpt_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	5,069	apt	≥ 51	-
<b>ew_p_mw_mwpt_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	4,998	apt	≥ 51	-
<b>ew_p_mw_cork_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	4,998	apt	≥ 51	-
<b>ew_p_wf_cork_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	5,069	apt	≥ 51	-
<b>ew_p_wf_eps_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	5,069	apt	≥ 44	-
<b>ew_p_mw_eps_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,20	4,998	apt	≥ 44	-
<b>ew_p_clt_in_wf_01</b>	REI 60 with 5 layer CLT	0,25	4,005	apt	≥ 42	-
<b>ew_p_clt_in_mwpt_01</b>	REI 60 with 5 layer CLT	0,25	4,005	apt	≥ 42	-

<b>Component</b>	<b>Resistance to fire</b>	<b>U [W/m²K]</b>	<b>R<sub>T</sub> [m²K/W]</b>	<b>Vapour permeability and moisture resistance</b>	<b>R<sub>w</sub> [dB]</b>	<b>L<sub>n,w</sub> [dB]</b>
<b>External wall/Internal wall</b>						
<b>w_wf_mw_raw_01</b>	NPA	NPA	NPA	NPA	NPA	-
<b>Internal wall</b>						
<b>w_raw_01</b>	NPA	NPA	NPA	NPA	NPA	-
<b>w_clt_raw_01</b>	NPA	NPA	NPA	NPA	NPA	-
<b>iw_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	NPA	NPA	NPA	NPA	-
<b>iw_02</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	NPA	NPA	NPA	NPA	-
<b>Internal wall/Separation wall</b>						
<b>sw_mw_01</b>	REI NPA with GKB REI 60 with 1x12,5mm GKF/GF REI 90 with 2x1,25 GKF/GF	0,18	5,565	apt	≥ 59	-
<b>Internal floor</b>						
<b>d_raw_01</b>	NPA	NPA	NPA	NPA	NPA	-
<b>Internal floor/Roof</b>						
<b>d_raw_02</b>	NPA	NPA	NPA	NPA	NPA	-
<b>d_raw_03</b>	NPA	NPA	NPA	NPA	NPA	-

<u>Component</u>	<u>Resistance to fire</u>	<u>U [W/m²K]</u>	<u>R<sub>T</sub> [m²K/W]</u>	<u>Vapour permeability and moisture resistance</u>	<u>R<sub>w</sub> [dB]</u>	<u>L<sub>n,w</sub> [dB]</u>
<b>Roof</b>						
<b>r_raw_01</b>	NPA	NPA	NPA	NPA	NPA	-
<b>r_raw_02</b>	NPA	NPA	NPA	NPA	NPA	-
<b>r_raw_03</b>	NPA	NPA	NPA	NPA	NPA	-
<b>r_raw_04</b>	NPA	NPA	NPA	NPA	NPA	-
<b>r_s_01</b>	NPA	0,26	3,869	apt	≥ 41with roofing tiles	-
<b>r_s_wf_02</b>	NPA	0,20	5,040	apt	≥ 42with roofing tiles	-
<b>r_s_mw_02</b>	NPA	0,20	5,040	apt	≥ 42with roofing tiles	-
<b>r_wf_01</b>	REI NPA with GKB or wooden cladding REI 30 with 1x12,5mm GKF/GF and with ≥80/200 REI 60 with 2x1,25mm GKF/GF and with ≥80/200	0,17	6,065	apt	≥ 48with ≥80/200 & tiles ≥ 46with ≥80/200 & metal sheet/bitumen	-
<b>r_mw_01</b>	REI NPA with GKB or wooden cladding REI 30 with 1x12,5mm GKF/GF and with ≥80/200 REI 60 with 2x1,25mm GKF/GF and with ≥80/200	0,17	6,065	apt	≥ 48with ≥80/200 & tiles ≥ 46with ≥80/200 & metal sheet/bitumen	-

<b>Component</b>	<b>Resistance to fire</b>	<b>U [W/m²K]</b>	<b>R<sub>T</sub> [m²K/W]</b>	<b>Vapour permeability and moisture resistance</b>	<b>R<sub>w</sub> [dB]</b>	<b>L<sub>n,w</sub> [dB]</b>
<b>r_wf_02</b>	REI NPA with GKB or wooden cladding REI 30 with 1x12,5mm GKF/GF and with ≥80/200 REI 60 with 2x1,25mm GKF/GF and with ≥80/200	0,13	7,732	apt	≥ 50with ≥80/200	-
<b>r_mw_02</b>	REI NPA with GKB or wooden cladding REI 30 with 1x12,5mm GKF/GF and with ≥80/200 REI 60 with 2x1,25mm GKF/GF and with ≥80/200	0,13	7,732	apt	≥ 50with ≥80/200	-