

Product Passport

Facade system in accordance to EN 13830



Purso Oy
Alumiinitie 1
FI-37200 Siuro, Finland
Tel. +358 3 3404 111
Fax +358 3 3404 500
E-mail purso@purso.fi
web www.purso.fi

Systems	P50L RC2/RC3
Product line	Burglar resistance facade systems
Materials	Aluminium: EN-AW 6063 T5 Thermal breaks: PVC Gaskets: EPDM
Surface treatment	Anodizing Powder coating
Glass	thickness 45..62 mm
Frame depth	47..257 mm
Frame width	50 mm

Product standard (hEN):

EN 13830:2003

Test reports:

RTE3686-05

RTE3687-05

RTE4795-05

RTE3966/05

RTE273/05

RTE3965/04

EN 1627

Test reports:

17-000124-PR02

17-000124-PR03

17-000124-PR05

Properties/ Class EN 13830^{*)}

Resistance to wind load **) $\leq 2 \text{ kN/m}^2$	Dead load **)	Resistance against impact npd	Air permeability AE1050	Watertightness RE1050
Airborne sound insulation $R_w (C; C_{tr})$ **)	Thermal transmittance (U_{CW}) **)	Fire resistance (E / EI) o↔i EI60	Reaction to fire npd	Fire propagation npd
Durability npd	Water vapour permeability npd	Equipotentiality **)	Thermal shock resistance npd	Resistance to horizontal loads **)

^{*)} Only tested/ calculated maximum values of the system

^{**)} Declared value according to project

Properties/ Class EN 1627

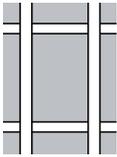
Burglar resistance
RC2, RC3

Product Passport

Facade system in accordance to EN 13830



Purso Oy
 Alumiinitie 1
 FI-37200 Siuro, Finland
 Tel. +358 3 3404 111
 Fax +358 3 3404 500
 E-mail purso@purso.fi
 web www.purso.fi

ref. No. for hEN-standard	Name:	P50L / P50LE		
	Description:	 Facade system (frame width 50 mm)		
4.1	Resistance to wind load (declared value according to project)	≤ 2 kN/m²		
4.2	Dead load	declared value according to project		
4.3	Resistance against impact	npd		
4.4	Air permeability	AE1050		
4.5	Watertightness	RE1050		
4.6	Airborne sound insulation (declared value according to project)	R _w 42dB	R _w +C 40dB	R _w +C _{tr} 37dB
4.7	Thermal transmittance (U _{cw})	declared value according to project		
4.8	Fire resistance (E / EI)	npd		
4.9	Reaction to fire	npd		
4.10	Fire propagation	npd		
4.11	Durability	npd		
4.12	Water vapour permeability	npd		
4.13	Equipotentiality	declared value according to project		
4.15	Thermal shock resistance	npd		
4.17	Resistance to horizontal loads	declared value according to project		

Properties/ Class EN 1627

	Burglar resistance	RC2, RC3
--	---------------------------	-----------------

NOTE! Values in the table apply for tested elements (see test reports).
 Values according to project are declared separately.

Product Passport

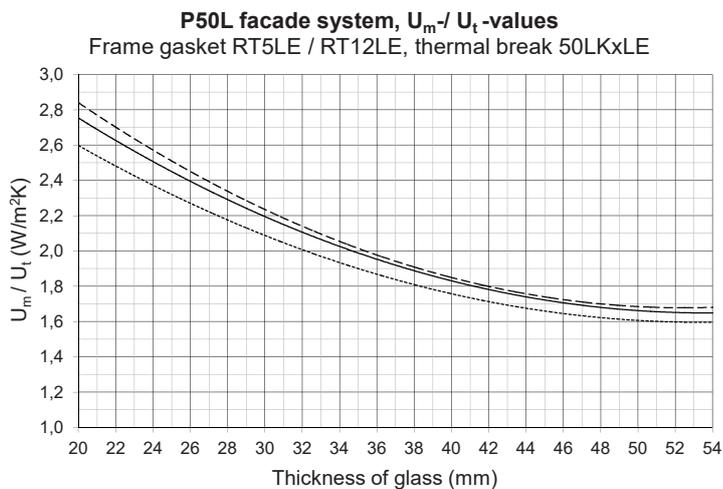
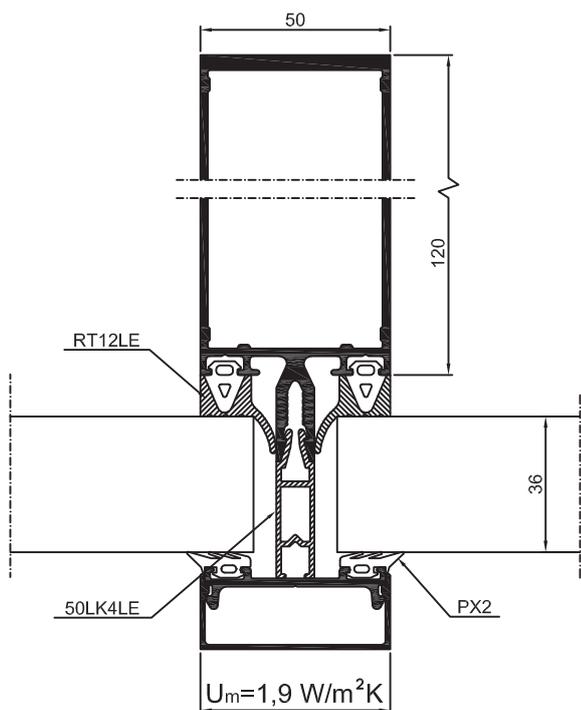
Facade system in accordance to EN 13830



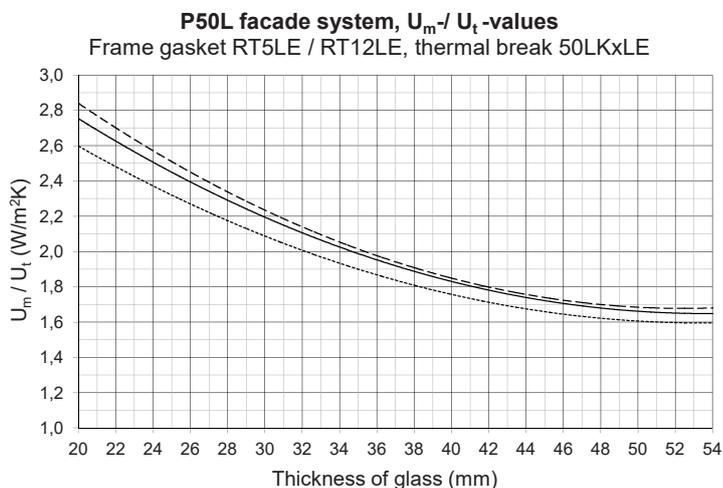
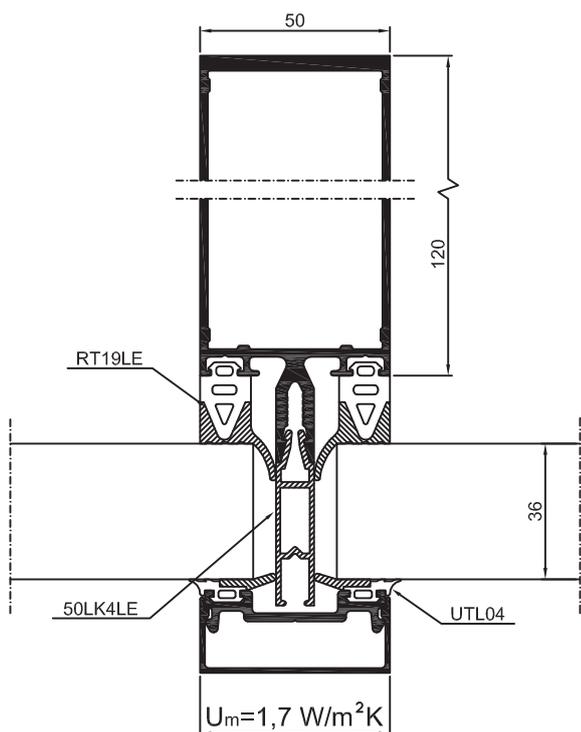
Purso Oy
 Alumiinitie 1
 FI-37200 Siuro, Finland
 Tel. +358 3 3404 111
 Fax +358 3 3404 500
 E-mail purso@purso.fi
 web www.purso.fi

P50L ja P50LE U_m -values for facade systems:

Thermal transmittance of the transoms (U_m) are calculated according to standard SFS-EN ISO 10077-2:2003 and EN 13947:2006
 The effect of the glazing screws is taken into account



- Frame profile:
- — — 507597 (200mm)/ 5013031 (207mm)
 - — — 506608 (120mm)/ 507668 (127mm)
 - · · · · 506604 (40mm)/ 507822 (47mm)



Product Passport

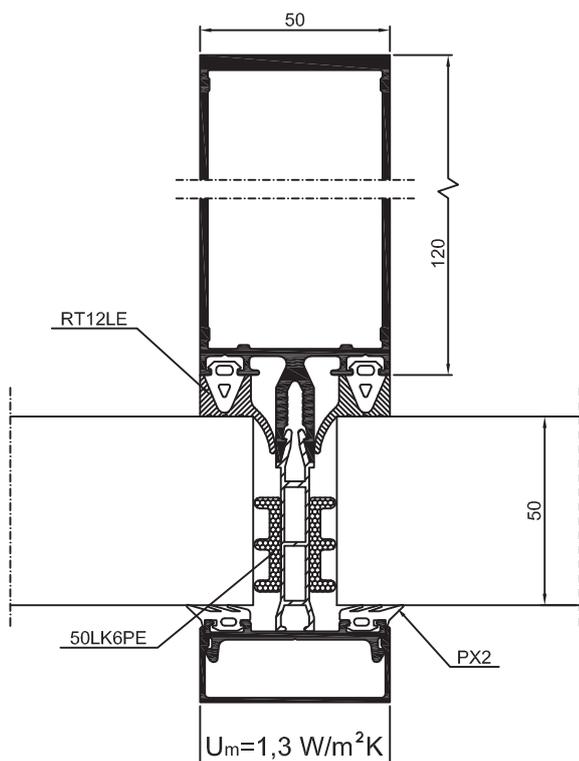
Facade system in accordance to EN 13830



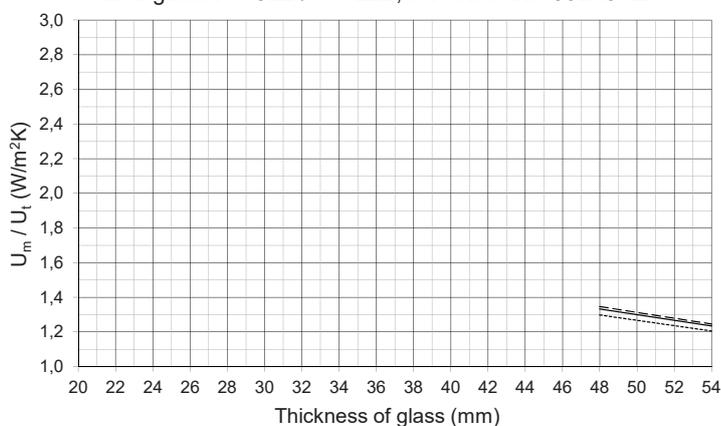
Purso Oy
 Alumiinitie 1
 FI-37200 Siuro, Finland
 Tel. +358 3 3404 111
 Fax +358 3 3404 500
 E-mail purso@purso.fi
 web www.purso.fi

P50L ja P50LE U_m -values for facade systems:

Thermal transmittance of the transoms (U_m) are calculated according to standard SFS-EN ISO 10077-2:2003 and EN 13947:2006
 The effect of the glazing screws is taken into account



P50L facade system, U_m -/ U_t -values
 Frame gasket RT5LE / RT12LE, thermal break 50LK6PE



Frame profile:

- — — 507597 (200mm)/ 5013031 (207mm)
- 506608 (120mm)/ 507668 (127mm)
- - - - - 506604 (40mm)/ 507822 (47mm)