NeoPhiT by Numfem

THERMAL BRIDGING CALCULATION REPORTS

Project	Complex examples
Architect	
Energy assessor	
Version	
Software	NeoPhiT : 2025.8.29.12 (debug)
Comment	Project_comment

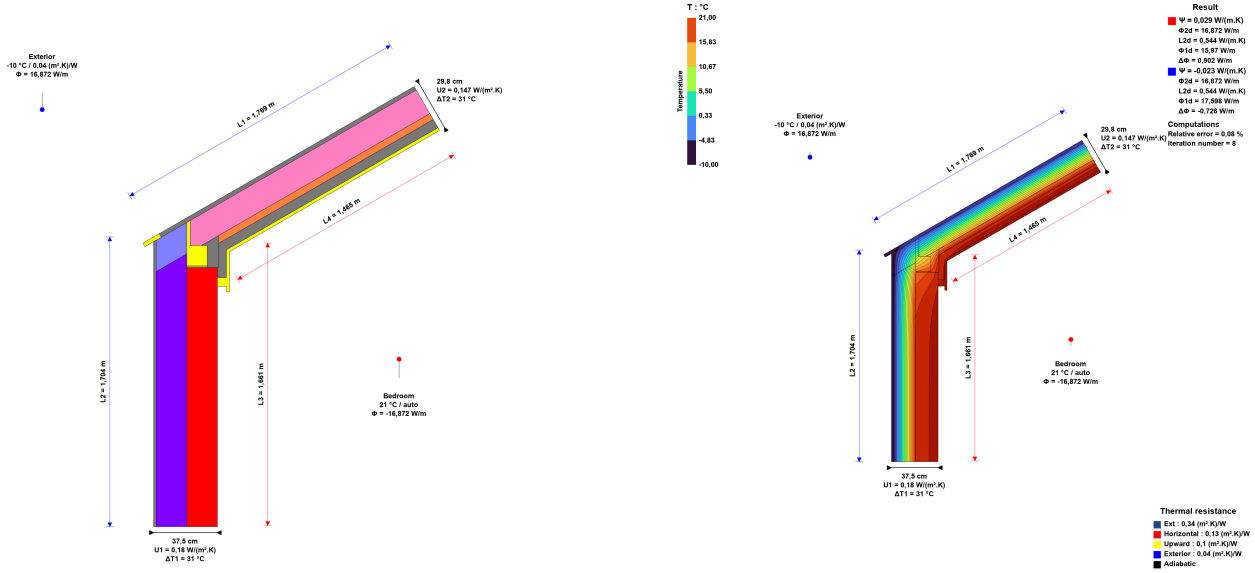
NEOPHIT IS IN COMPLIANCE WITH THE FOLLOWING STANDARDS

ISO	YEAR	TITLE
10211	2017	THERMAL BRIDGES IN BUILDING CONSTRUCTION - HEAT FLOWS AND SURFACE TEMPERATURES - DETAILED CALCULATIONS
6946	2017	BUILDING COMPONENTS AND BUILDING ELEMENTS - THERMAL RESISTANCE AND THERMAL TRANSMITTANCE - CALCULATION METHODS
10077-2	2012	THERMAL PERFORMANCE OF WINDOWS, DOORS AND SHUTTERS - CALCULATION OF THERMAL TRANSMITTANCE - PART 2 : NUMERICAL METHOD FOR FRAMES
13370	2017	THERMAL PERFORMANCE OF BUILDINGS - HEAT TRANSFER VIA THE GROUND - CALCULATION METHODS

TABLE OF CONTENTS

ROOF

view_comment



Ψ	Ψ « RT »	Ψ « PHPP »
	0,029 W/m	**-0,023 W/m**

	Material	**λ : W/(m.K)**
	Aussenputz	0,87
	Flumroc-Dämmplatte 3	0,034
	Flumroc-Dämmplatte COMPACT	0,036
	Flumroc-Dämmplatte COMPACT/Sparen	0,049
	Flumroc-Dämmplatte SOLO	0,036
	Flumroc-Dämmplatte SOLO/Sparen	0,036
	Luftschicht, ruhend, aufwärts	0,344
	Modulbackstein Einstein	0,5
	Poröse Holzfaserplatten 300	0,056
	Weich-Holz	0,13
	Zementmörtel	1,4

Table : Materials

Interior	T : °C	Rs : (m².K)/W	RH : %	ϕ : W/m	Tmin : °C	fRsi
Exterior	-10	0,04 (m².K)/W	50	16,872	-10	0
Bedroom	21	auto	0	-16,872	19,29	0,94

Table : Spaces

NeoPhiT

by Numfem

NeoPhiT : 2025.8.29.12 (debug)