Thermal Insulation Calculation Form

Old and New Construction

Place sketch of construction below.

Construction:				New Value	Surface Unit of Estimation = **10 m²**		
	Thickness x R_M = R_C						
#	Description of the Existing Construction Layers	Thick Meter	R_M	R_C	Temp ⁰C	Material in Local Currency	Skilled Labour Cost	Non-skilled Labour
1	Outside transmission factor	-	-	0.04				
2								
3								
4								
5								
6								
7	Inside transmission factor	-	-					
Subtotal Existing Construction R_C								
#	Description of Each New Layer or New Activity to Install Insulation	Thick Meter	R_M	R_C	Temp ⁰C	Material in Local Currency	Skilled Labour Cost	Non-skilled Labour
10								
11								
12								
13								
14								
15								
16								
Subtotal Newly Added Value R_C								
Total Existing and New R_C Values						***Total Cost 10 m²***		
Altitude Above Sea Level _____m	Recommended R_C value		2.0--2.5 3.0--3.5 4.0--4.5	△T	Ratio = Total Cost / R_C Total		

Remarks:

Form for calculating the insulation values and costs for upgrading thermal insulation.
www.nienhuys.info (page thermal insulation). See additional documents for calculation and data tables.