





## Table OF CONTENTS



### P.3 MINIMUM REQUIREMENTS FOR THE USE OF QUOTECH

### P.4 GETTING STARTED

- ..... P.5 Register
- P.6 Login
- ..... P.7 Enter as guest

### P.8 DATA INPUT

- ..... P.10 Data introduction
- ...... P.13 Families and Categories

#### P.15 DATA OUTPUT

- P.17 CALCULATION EXAMPLE
- P.27 DISCLAIMER

### Minimum requirements FOR THE USE OF QUOTECH

### **BOOTSTRAP 4.0**

### **MOBILE DEVICES**

Generally speaking, Bootstrap supports the latest versions of each major platform's default browsers. Note that proxy browsers (such as Opera Mini, Opera Mobile's Turbo mode, UC Browser Mini, Amazon Silk) are not supported.

	Chrome	Firefox	Safari	Android Browser & WebView	Microsoft Edge
ANDROID	Supported	Supported	N/A	Android v5.0+ supported	Supported
IOS	Supported	Supported	Supported	N/A	Supported
WINDOWS 10 MOBILE	N/A	N/A	N/A	N/A	Supported

### **DESKTOP BROWSERS**

Similarly, the latest versions of most desktop browsers are supported.

	Chrome	Firefox	Safari	Internet Explorer	Microsoft Edge	Opera
МАС	Supported	Supported	Supported	N/A	N/A	Supported
WINDOWS	Supported	Supported	Not supported	Supported	Supported	Supported

### DATATABLES

	Chrome	Firefox	Safari	Microsoft Edge	Opera	Others
MAC	Current and previous stable release ver- sions	Current Extended Support Release and all newer regular releases	Safari v6 (Mac OS X v10.7 - Lion) and newer	IE6-11, Edge. All extensions require IE8 or newer	Current and previous stable release ver- sions	Other modern browsers will likely run Data- Tables but are not explicitly exported

## Getting STARTED

When you navigate through the ISOVER Technical Insulation website and land on the QuoTech page, the first choice is starting as a 'guest' or log in:





### REGISTER

New users will register with their personal contact information, along with a password for their identification:

isover	Q Search here		ISOVER Worldwide 🛆 🌐 MENU 🚍
SAINT-GOBAIN	Products Documentation Calculation to	ols Reference Projects Sustainability	About us
Home > alberto.garciablanco			
View Edit Company information			
	Gender*	First name*	
	Mr. 🗸	Alberto	
	Last name*	Company	
	García-Blanco	SG ISOVER	
	Activity sector*	Customer code	
	ICT service activities $\checkmark$		
	Picture () Alternative text ()		
	REMOVE	l	
	Current password 🚯	Email* 🚯	
		alberto.garciablanco@saint-gobain.com	
	Password	Confirm password	
	Password	Confirm password	
	Mobile	Phone	
	638006403		
	Address		^
	Country		
	Spain	~	
	Street address		
	Juniperos 1		
	Street address line 2		
	City		
	Las Rozas de Madrid		
	Province		
	Mədrid	~	
	Postal code		
	28232		
	SAVE CANCEL ACCOUNT		

Once the data has been filled in, just click on 'SAVE' and your user will be created and accessible for future sessions.

### LOGIN (ALREADY REGISTERED)

Enter e-mail address and password, and click 'LOG IN':

	Q Search here Products Documentation Calculation tools: Reference Projects	ISOVER Worldwide 👌 🌐 мени ☰ Sustainability About us
Home > user > Log in		
alban Passwoi 	in Create new account Reset your password username*  us	
• 6 6 4	News Events ISOVER Saint-Gobain Legalr	notice Saint-GOBAIN

**<u>Profile</u>**: Check your data and if necessary you can modify it by clicking on 'EDIT'. Then you access to the same screen as when creating your user for the first time and there you will be able to change whatever data of your profile.

isover	Q Search	here				ISOVER Worldwide 🛆 🜐 мели 🚍
SAINT-GOBAIN	Products	Documentation	Calculation tools	Reference Projects	Sustainability	About us
Home > user > alberto.garclablanco						
View Edit Company information						
_		Му	Рго (	Center	-	
This space is yours. As a logge	d in user, you will		misable ISOVER digita our disposal whenever		le to add and save y	our own projects which will remain at
My Profile Your user information is display	ed here below. Yo	u can use the tabs fr	rom the top of the pag	e to view or edit them.		
	Full Name:	N	Ir Alberto García-blanc	0		
	First name:	A	lberto			
	Last name:	G	iarcía-Blanco			
	Email:		lberto.garciablanco@	saint-gobain.com		
	Country:	S	pain			
Quotech Tool • My projects						

### **ENTER AS GUEST**

Select the country where your project will be carried out. If you don't find the Country in the list, just select 'International' and click on 'NEXT':

isover	Q Search here	ISOVER Worldwide 🛆 🌐 Meinu 🚍
SAINT-GOBAIN	Products Documentation Calculation tools Reference Projects	Sustainability About us
Home > quotech tool		
	In calculating insulation surfaces and help you define the list of recommended produc user account on My Pro Center, <u>you can login here</u> and save your projects.	ts.
• • •	News Events ISOVER Saint-Gobain Legal no	Nice SAINT-GOBAIN



# Data

Before inputting the data, the very first step is creating a new project or editing an existing one by clicking on 'My projects':

My Pro Center								
This space is yours. As a logged in user, you will have access to customizable ISOVER digital tools. You will also be able to add and save your own projects which will remain at your disposal whenever you need them.								
My Profile								
Your user Information is display	ved here below. You can use the t	abs from the top of the page to view or edit them.						
	Full Name:	Mr Alberto García-blanco						
	First name:	Alberto						
	Last name:	García-Blanco						
	Email:	alberto.garciablanco@saint-gobain.com						
	Country:	Spain						
Quotech Tool         • My projects         Calculate the correct insulation surface         • Manual         User guide for the calculation of insulation on different elements								
• Fi 🛅 🖌	News Ev	rents ISOVER Saint-Gobain Legal notice	SAINT-GOBAIN					

### You will land in the Projects page from where you can:

 $\Rightarrow$  Create a new project

isover	Q Search here				ISOVER Worldwide 🛆 💮 MENU 🚍
SAINT-GOBAIN	Products Documentat	on Calculation tools	Reference Projects	Sustainability	About us
Home > Request Quotech Tab					
Show 10 v entries				Search	CREATE NEW PROJECT
Name	•	Country	÷		Action 🗢
Prueba1		Spain			Edit Delete
Prueba2		International			Edit Delete
Showing 1 to 2 of 2 entries					Previous 1 Next
• 🖬 🖬 🖌	News E	ents ISOVER !	Saint-Gobain Legal	notice	

For creating a new project, you will just need to fill in the name of the project that will be saved, and from there you will be able to access the project every time you wish. In addition to this you need to fill the Country where the project will take place. If you don't find the Country in the list, just select 'International':

isover	Q Search here	ISOVER Worldwide 🛆 🚳 MENU 🚍
SAINT-GOBAIN	Products Documentation Calculation tools Reference Projects	Sustainability About us
Home > Request Quotech Tab		
Show 0 v entries Name Prueba2 Showing 1 to 2	nhy.	CREATE HAW PROJECT Search:  Action C  Cdf: Delete  Cdf: Delete  1 Next
• 6 6 4	News Events ISOVER Saint-Gobain Legal nc	

#### $\Rightarrow$ Edit an existing project

Isover	Q Search here		ISOVER Worldwide 🛆 🌐 ME	*0 ≡
SAINT-GOBAIN	Products Documentation	Calculation tools Reference Projects	s Sustainability About us	
Home > Request Quotech Tab				
Show 10 v entries			CREATE NEW PROJECT Search:	
Name	•	Country 🗘	Action \$	
Prueba1		Spain	Edit Delete	
Prueba2		International	Edit	
Showing 1 to 2 of 2 entries			Previous 1 Next	
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### DATA INTRODUCTION

Once you have accessed to your project, either as new or editing an existing one, you can start creating new items for its insulation need calculation. In this screen you will find different parts:

0

**FAMILY:** Pipeline (pipes, flanges, valves, T-cross, etc), Surfaces (Rectangle, triangle, pentagon, etc), cubois (3D-Shapes) and Cylinders



• **NEW PIPE FITTING:** click on this button to create a new element in your project under the category selected

• LIST OF ITEMS created in the present project for each category

	<b>is</b> over	Q Search here				ISOVER Worldwide   🌐 MB	enu =
	SAINT-GOBAIN	Products Documentatio	n Calculation tools	Reference Projects	Sustainability	About us	
	Home > Calculation Tools > Quotech too	l > Projects > AA > edit					
×.		Project save successfully					
0_	Name AA			Country International		~	
	Pipeline Surface:	: Cuboids Cyli	nders			K	- 2
						NEW PIPE FITTING	
	Item	Product	Quantity	Produ	uct Output	Action	
			No data availa	ble in table			
			SAVE AND GO TO	THE SUMMARY			•
							~ 3
• F ir	<b>y</b>	News Eve	ents ISOVER	Saint-Gobain Legal	notice		SAINT-GOBAIN

After creating a new item ('NEW PIPE FITTING'), you will have to fill in different parameters, depending on the item selected. As an example, this would be what you will find while creating a new item:

Category				
1 ct Category				~
Item				
2				~
Thickness	Quantity 4		Efficiency 5	
3	✓ 1		100	
Advise Material		Product		
6				~
Surface				
Surface				
C				
	SAVE	CANCEL		
	SAVE	CANCEL		

Data introduction to obtain the final calculated results are:

- ↑ CATEGORY
- **3** INSULATION THICKNESS
- **QUANTITY** (How many items)
- **5 • EFFICIENCY** (material efficiency during installation)
- 6 ADVISED MATERIAL (depends on the previous data, Pipe Sections, WNM or others)
- $7 \rightarrow ISOVER PRODUCT CHOICE$
- 3 CALCULATED SURFACE/LINEAR METERS of the insulation chosen needed for insulating

### **FAMILIES AND CATEGORIES**

 $\Rightarrow$  Pipeline

### **Pipeline Categories**





⇒ Surfaces





 $\Rightarrow$  Cuboids

 $\Rightarrow$  Cylinders



## Data OUTPUTS

You will have two different outputs for your calculation results, on screen or in printable form. You will have access to them by clicking on "Save and go to the summary".

Provebat     Spain       Pipeline     Surfaces     Cuboids     Cylinders       Show     10 v     entries     Search:
Incw pipe strill       Show     10       Incw pipe strill
Incw pipe strill       Show     10       Incw pipe strill
Show 10 v entries Search:
Show 10 v entries Search:
and the second
item 🔶 Product V Quantity V Product Output V Actio
Cap 2 DN 50 TECH Pipe Section MT 4.0-60-30 10 - Edit 1
Elbows 90° SR 6 DN 150 U TECH Pipe Section MT 4.0-168- 50 10 - Edit 10
Pipe 14 DN 350 TECH Wired Mak MT 5.1 X/XX-0- 100 176 - Edit . 1
Pipe 2 DN 50 TECH Pipe Section MT 4.0-60-30 100 - Edit (
Pipe 4 DN 100 TECH Pipe Section MT 4.0-114-30 100 - Edit, I
Tee Cross 6 DN 150 U TECH Pipe Section MT 4.0-168- 50 5 - Edit (1
Tee Straight 6 DN 150 TECH Pipe Section MT 4.1-169-60 10 - Edit (
Showing 1 to 7 of 7 entries Previous 1

### PARTS OF THE SUMMARY

Once you have accessed to your project, either as new or editing an existing one, you can start creating new items for its insulation need calculation. In this screen you will find different parts:





### **VIEW PDF SUMMARY**

				В	ill of Q Pru	uanti Jeba	ties				Phone: +34	QuoTech Country: Spain 666 12 34 56 n@isover.com
Product	Diameter	Length	Width	Thickness	Quantity	Units	Pieces	Units per Pack	Nº Packs	Packs per Pallet	N° Pallets	Pallet size
TECH Pipe Section MT 4.0	60	1200	0	30	2.5	Im	3	17	1		-	-
TECH Pipe Section MT 4.0	140	1200	0	50	0.2	Im	1	4	1	-	-	-
TECH Wired Mat MT 3.1 Alu1/X/X-X	0	5000	1000	50	0	m2	0	1	0	16	0	1000x1200
Disclamer: calculation	ns are based ir	n real dime	ensions ar	nd CINI guide	lines. Estim	ated qua	ntities give	en in this summary	could be differ	ent to real quantities	on site	



# Calculation **EXAMPLE**

Let's imagine we have a real scenario like this one:

- > 250 m of a 6" pipe
- > 125 m of a 14" pipe
- > 4 flanges (Std 150 Lbs) at the 6" line
- > 3 valves (Swing Check 150) at the 14" line
- > One T-straight with reduction from 14" to 6"

We want an insulation thickness of 80 mm in the 14" line and 50 mm in the 6" line.

### 250 m of 6" pipe

It is necessary to fill in all the fields. Let's go one by one:

 $\rightarrow$  Select "Category" from the list, in this case "Pipe"

PIPE	$\sim$
Select Category CAP ELBOW END LP END SP FLANGE FLANGE STRAINER	
PIPE REDUCER RETURNS LR RETURNS SR TEE CROSS TEE CROSS RED TEE STRAIGHT TEE STRAIGHT RED VALVE	
Surface	

NEW PIPELINE	
Category	
PIPE	~
em	
Select Item	$\sim$
Select Item Pipe 1/2 DN 15 Pipe 3/4 DN 20 Pipe 1 DN 25 Pipe 11/4 DN 32 Pipe 11/2 DN 40 Pipe 2 DN 50 Pipe 3 DN 80 Pipe 3 DN 80 Pipe 3 I/2 DN 90 Pipe 5 DN 125	
Pipe 6 DN 150           Pipe 8 DN 200           Pipe 10 DN 250           Pipe 12 DN 300           Pipe 14 DN 350           Pipe 16 DN 400           Pipe 18 DN 450	

 $\rightarrow$  Select the "Item" from the list, in this case "Pipe 6 DN 150"

- $\rightarrow$  Select "Thickness"
  - + Select from the list of possibilities 50 mm

Category			
PIPE			~
tem			
Pipe 6 DN 150			$\sim$
Thickness	Quantity	Efficiency	
Select Thickness	✓ 1	100	
Select Thickness 20	Prod	uct	
25	Floo	uci	
30 40			~
50			
60			
70			
80			
90 100			
120			
14.0		CEL	
	CAVE CAN		

1	0
	Э

 $\rightarrow$  Insert "Quantity" \$+ Enter the number of meters of your pipe line, in this case 250 m

NEW PIPELINE		
Category		
PIPE		~
Item		
Pipe 6 DN 150		~
Thickness	Quantity Efficiency	
50 🗸	250 100	
Advise Material	Product	
Pipe Section	Select Products	~
Linear meters		
250.0000		

 $\rightarrow$  Insert "Efficiency". In this case we will use a 90% of material efficiency, what means that we assume having a 10% of scrap during the installation.

		~
		~
Quantity	Efficiency	
250	be	
Pi	roduct	
	Select Products	~
	250 P	

#### → Select "Product"

+ Select from the list of ISOVER products. In this case we will use U TECH Pipe Section MT 4.0 DN 150:

NEW PIPELINE				
Category				
PIPE				~
Item				
Pipe 6 DN 150				~
Thickness	Quantity		Efficiency	
50 🗸	250		90	
Advise Material		Product		
Pipe Section		Select Products		~
Linear meters		U TECH Pipe Section U TECH Pipe Section U TECH Pipe Section	n MT 4.0-60-50	•
277.7778		U TECH Pipe Section U TECH Pipe Section		
		U TECH Pipe Section		
	SAVE	U TECH Pipe Section		
	JAVE (	U TECH Pipe Section U TECH Pipe Section		
		U TECH Pipe Section		
		U TECH Pipe Section	n MT 4.0-140-50	
	SAVE AND GO TO	U TECH Pipe Section U TECH Pipe Section	n MT 4.0-168-50	
		U TECH Pipe Section	1 MT 4.0-194-50	
		U TECH Pipe Section U TECH Pipe Section		
		U TECH Pipe Section	1 MT 4.0-273-50	
News	Events ISOVER	S U TECH Pipe Section U TECH Pipe Section		-

Now you can see which are the insulation needs for this item:

NEW PIPELINE			
Category			
PIPE			~
Item			
Pipe 6 DN 150			~
Thickness	Quantity	Efficiency	
50 ~	250	90	
Advise Material		Product	
Pipe Section		U TECH Pipe Section MT 4.0-159-50	~
Linear meters			
277.7778			
	SAVE	CANCEL	

→ Resume information

+ Click on 'SAVE' and your new item will be added to your project list

NEW PIPELINE				
Category				
PIPE				~
tem				
Pipe 6 DN 150				~
Thickness	Quantity		Efficiency	
50 🗸	250		90	
Advise Material		Product		
Pipe Section		U TECH Pipe Se	ection MT 4.0-159-50	~
inear meters				
277.7778				

All these steps must be done for the other line, the 14" pipe:

Category					
PIPE					~
ltem					
Pipe 14 DN 350					~
Thickness		Quantity		Efficiency	
80	~	125		90	
Advise Material			Product		
Wired Mat			U TECH Wired	Mat MT 4.0 Alu1/V1/X/ X-X-0-80	~
Surface (m2)					
225.1473					

In this case the material advised is not pipe sections but Wired Mats. We have selected U TECH Wired Mat MT 4.0 Alu1.

### 4 Flanges at the 6" line

 $\rightarrow$  Select "Category" from the list, in this case "Flange"

Select Category			$\sim$
Select Category CAP ELBOW END LP END SP			
FLANGE			
FLANGE STRAINER PIPE REDUCER RETURNS LR RETURNS SR TEE CROSS TEE CROSS RED TEE STRAIGHT TEE STRAIGHT RED VALVE			
Surface			

### → Select "Subcategory"

+ Select from the list of possibilities the one that matches with your need:

NEW PIPELINE				
Category				
FLANGE				~
Sub Category				
Select Sub Category				~
Select Sub Category 150				
1500 2500 300 400 600 900	1		100	
dvise Material		Product		
				~
			X	
	SAVE	CANCEL		

→ Select "Item"

+ Select from the list of possibilities the one matching your pipeline diameter

NEW PIPELINE		
Category		*
FLANGE	v.	
Sub Category		
150	~	
Item		
Select Item	$\checkmark$	
Select Item	*	
Flange 150lb 1/2 DN 15		
Flange 150lb 3/4 DN 20		
Flange 150lb 1 DN 25		
Flange 150lb 11/4 DN 32		
Flange 150lb 11/2 DN 40		
Flange 150lb 2 DN 50		
Flange 150lb 21/2 DN 65		
Flange 150lb 3 DN 80		
Flange 150lb 31/2 DN 90 Flange 150lb 4 DN 100		*
Flange 150lb 5 DN 125		
Flange 150b 6 DN 150		
Flange 150lb 8 DN 200		
Flange 150lb 10 DN 250		
Flange 150lb 12 DN 300		
Elango 150lb 11 DN 250		
Flange 150lb 16 DN 400	re	evi
Flange 150lb 18 DN 450		
Flange 150lb 20 DN 500	*	

 $\rightarrow$  Select "Thickness", "Quantity" and "Efficiency"

+ Select from the list of possibilities. In this case the insulation thickness for fittings should be the same than on the pipeline, so 50 mm in this case. As "Quantity" we will set the amount of these items, in this case '4' and for the efficiency, we will use 85%, a bit less than with the regular pipe since the insulation of a flange can be more complex than a pipe and more scrap could happen:

NEW PIPELINE			
Category			
PIPE			~
Item			
Pipe 6 DN 150			~
Thickness	Quantity	Efficiency	
50 🗸	250	90	
Advise Material	Pi	roduct	
Pipe Section		U TECH Pipe Section MT 4.0-159-50	~
Linear meters			
277.7778			
	SAVE C	ANCEL	

 $\rightarrow$  Insert "Product"

In this case we need to select a bigger diameter pipe section taking into account the size of the flange, so we select from the list a pipe section with inner diameter 273 mm.

NEW PIPELINE				
Category				
PIPE				~
Item				
Pipe 6 DN 150				~
Thickness	Quantity		Efficiency	
50 ~	250		90	
Advise Material		Product		
Pipe Section		U TECH Pipe Sec	tion MT 4.0-159-50	~
Linear meters				
277.7778				
	SAVE	CANCEL		

All these steps must be done for the 3 valves of the other line, the 14" pipe:

NEW PIPELINE					
Category					
PIPE					~
Item					
Pipe 14 DN 350					~
Thickness		Quantity		Efficiency	
80	~	125		90	
Advise Material			Product		
Wired Mat			U TECH Wired M	lat MT 4.0 Alu1/V1/X/ X-X-0-80	~
Surface (m2)					
225.1473					
		SAVE	CANCEL		

### **T-Cross reduction**



In this case, you need different thicknesses for the output and for the main line, so two different solutions.

Once you have selected the family, item, etc., you can introduce the insulation data for the main line:

### INPUT

→ Select "Product"

 $\rightarrow$  Select from the list of ISOVER products



### OUTPUT

 $\rightarrow$  Select "Thickness" – you can select a different thickness and product to the 'input'

→ Select "Product"

+ Select from the list of ISOVER products

80	✓ 1			90				
Input								
Advise Material		Prod	uct					
Wired Mat		U	U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X-0-80					
Output				Product				
	Thicknes	ŝ		Product				
Wired Mat	50		~	U TECH Wired Mat MT 4.0 Alu1/V1V				
Surface (m2)		Outp	ut Surface (m2)					
		0.3	687					
1.0043								

	and the second sec		ntry		
	User Manual	In	tern <mark>a</mark> tional		~
	Pipeline Surfaces Cuboi	ds Cylinders			
				NEW P	
	Show 10 V entries			Search:	
(	Item	Product	Quantity \$	Product Output 🗢	Action ¢
	Flange 150lb 6 DN 150	U TECH Pipe Section MT 4.0-273-50	4		Edit Delete
	Pipe 14 DN 350	U TECH Wired Mat MT 4.0 Alu1/V1/X/X-X-0- 80	125		Edit Delete
	Pipe 6 DN 150	U TECH Pipe Section MT 4.0-159-50	250	*	Edit Delete
	Swing check valve 150 14 DN 350	U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X-0- 80	3		Edit Delete
	Tee Straight Red 14 x 14 x 6 DN 350 x 350 x 150	U TECH Wired Mat MT 4.0 Alu1/V1/X/X-X-0- 80	1	U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X-0- 50	Edit Delete
	Showing 1005 of 5 circles			Frevious	- Mat
		SAVE AND GO TO THE SU			
🗩 🖬 in	<b>y</b>	News Events ISOVER Saint	Gobain L	egal notice	

### Now the list of items of your project is complete:

 $\rightarrow$  Select "Save and go to the Summary"

Show 10					Bill of Q User N			Con		Conta	Country	Quotech International Int-gobain.com 4 666 65 43 21
Show 10		Length 🗢	Width \$	Thickness \$	Quantity 🖨	Units 🖨	Pieces \$	Units per \$ Peel:	Sear N° Packs	Packs	N° Pallets 🗘	Pallet size
U TECH Pipe Section MT 4.0	159	1200	0	50	278	lm	232	3	78	0	0	0x0
U TECH Pipe Section MT 4.0	273	1200	0	50	2	lm	2	11	2	0	0	0x0
U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X	0	4700	600	80	238	m2	85	2	43	18	3	1200x1200
U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X	0	7500	600	50	1	m2	1	2	1	18	1	1200x1200
Showing 1 to	4 of 4 entries										Previous	1 Next

You can continue and print it out as a PDF file, or send information to the Commercial Department of ISOVER or be back to the project and continue or edit the information.

Product 🔺	Diameter 🖨	Length 🖨	Width 🗢	Thickness 🖨	Quantity 🖨	Units 🖨	Pieces 🖨	Units per 🜩 Pack	Nº Packs ♥	Packs per 🜩 Pallet	Nº Pallets ♥	Pallet size		
U TECH Pipe Section MT 4.0	159	1200	0	50	278	lm	232	3	78	0	0	0×0		
U TECH Pipe Section MT 4.0	273	1200	0	50	2	lm	2	1	2	0	0	0x0		
U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X	0	4700	600	80	238	m2	85	2	43	18	3	1200×1200		
U TECH Wired Mat MT 4.0 Alu1/V1/X/ X-X	0	7500	600	50	1	m2	1	2	1	18	1	1200×1200		
showing 1 to 4														

### Disclaimer

Calculations are based on real dimensions and CINI guidelines. Estimated quantities given in this summary could be different to real quantities on site.



## To learn more about QuoTech, visit our website www.isover-technical-insulation.com



# **ABOUT US**

Discover the Saint-Gobain Group, and read more about ISOVER, the world leading supplier of sustainable insulation solutions



# MAKING THE WORLD ABETTER HOME



Saint-Gobain designs, manufactures and distributes solutions for the construction, mobility, healthcare and other industrial application markets. Developed through a continuous innovation process, they provide wellbeing, performance and safety while addressing the challenges of sustainable construction, resource efficiency and the fight against climate change.

This strategy of responsible growth is guided by the Saint-Gobain purpose, "MA-KING THE WORLD A BET-TER HOME", which responds to the shared ambition of the women and men in the Group to act every day to make the world a more beautiful and sustainable place to live in.



Aligned with this commitment, Saint-Gobain Technical Insulation has been delivering sustainable insulation solutions to customers since 1937. Across all technical markets - from Marine to Industry, HVAC, automotive and household appliances - and with a worldwide presence deployed locally, we support our customers at every step of the project, from design to installation. This means customising our approach based on specific needs. This means adding value through high levels of comfort, health, safety and performance. This also means helping limit environmental impact of each project, while managing costs.

With expertise in an array of insulation materials, we are constantly pushing the limits of our solutions. These unwavering R&D efforts also enable us to reduce the carbon footprint of each product, whether through high levels of recycled content, recyclability or lower energy consumption.

Drawing on a unique combination of global resources, local deployment and multi-material expertise, Saint-Gobain Technical Insulation strives to always be more efficient and responsible. Together with our customers, we are making this an everyday reality.

Saint-Gobain Technical Insulation PUSHING THE LIMITS OF SUSTAINABILITY TOGETHER.





#### Saint-Gobain ISOVER

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www.isover-technical-insulation.com

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