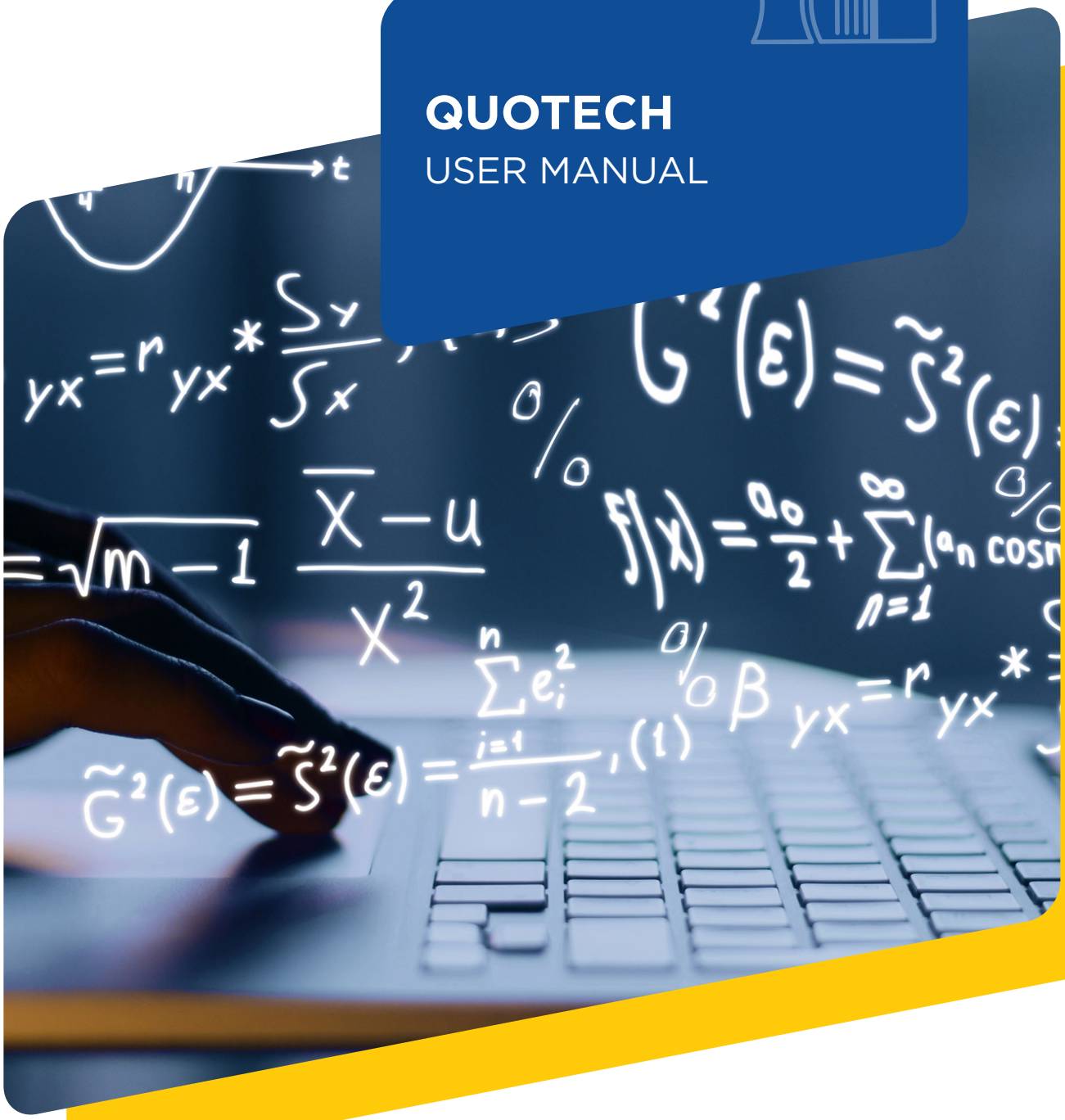
isover
SAINT-GOBAIN

QUOTECH

USER MANUAL



SAINT-GOBAIN

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
MAC	Supported	Supported	Supported	N/A	N/A	Supported
WINDOWS	Supported	Supported	Not supported	Supported	Supported	Supported

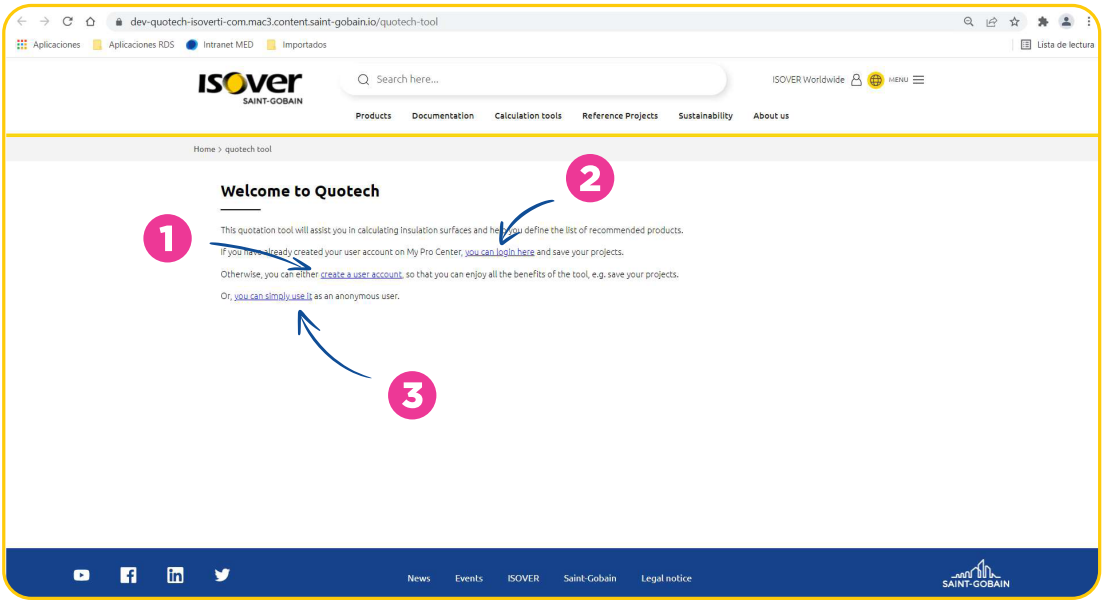
DATATABLES

	Chrome	Firefox	Safari	Microsoft Edge	Opera	Others
MAC	Current and previous stable release versions	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 versions	Other modern browsers will likely run DataTables but are not explicitly exported

Getting STARTED

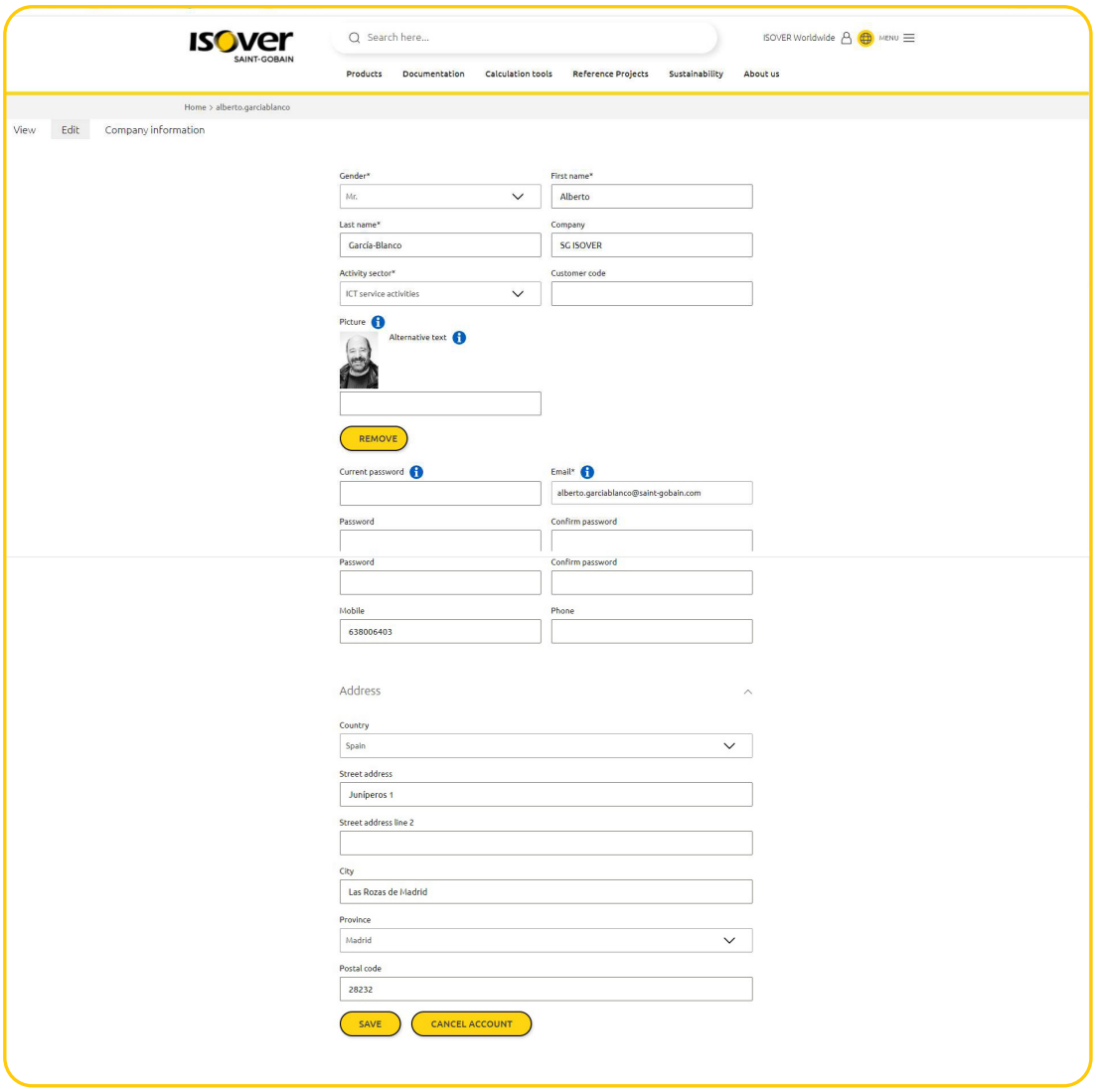
When you navigate through the ISOVER Technical Insulation website and land on the QuoTech page, the first choice is starting as a 'guest' or log in:

1. › **REGISTER**
2. › **LOGIN**
3. › **ENTER AS GUEST**



REGISTER

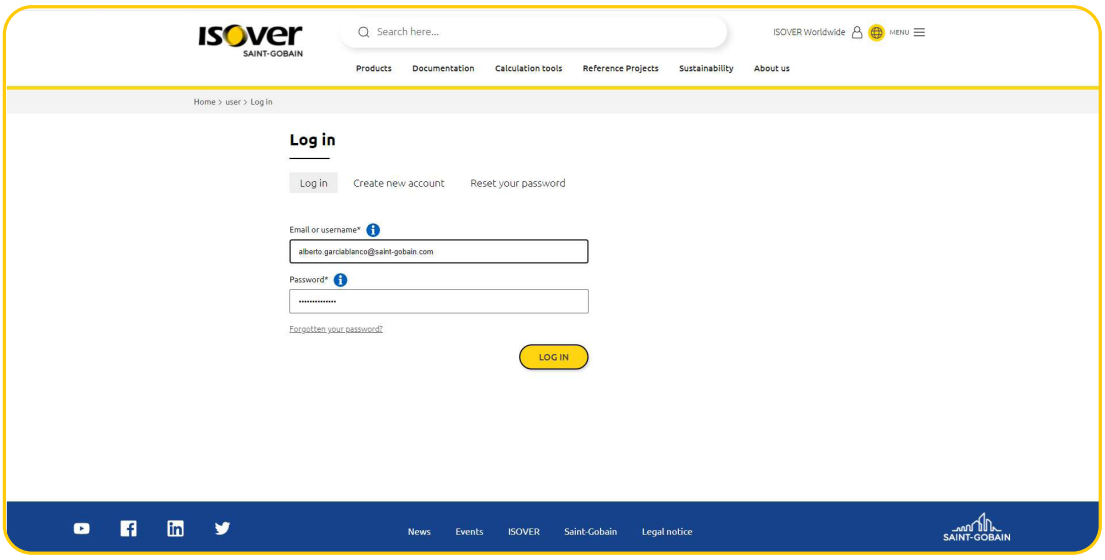
New users will register with their personal contact information, along with a password for their identification:



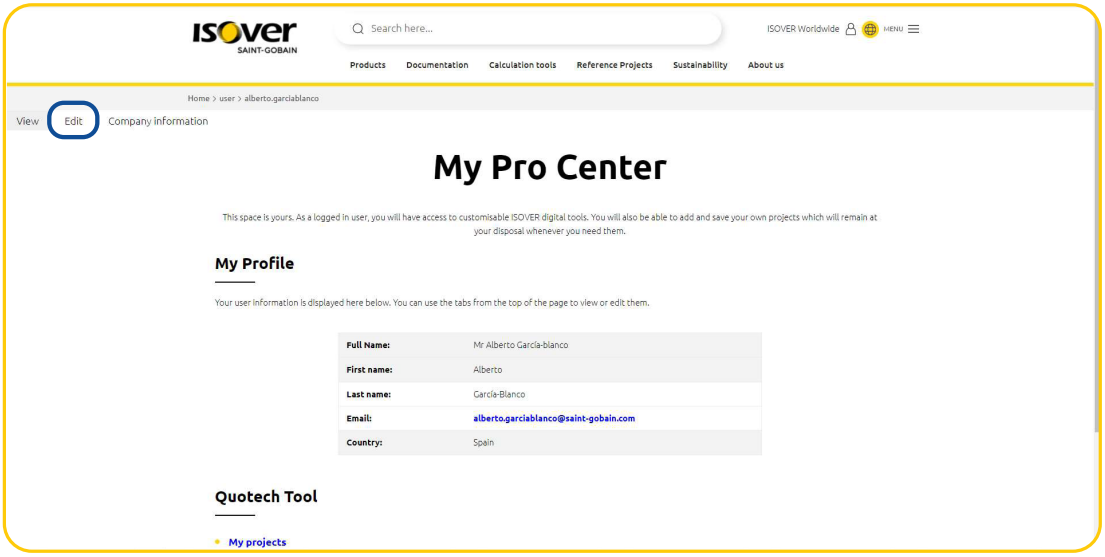
Once the data has been filled in, just click on 'SAVE' and your user will be created and accessible for future sessions.

LOGIN (ALREADY REGISTERED)

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

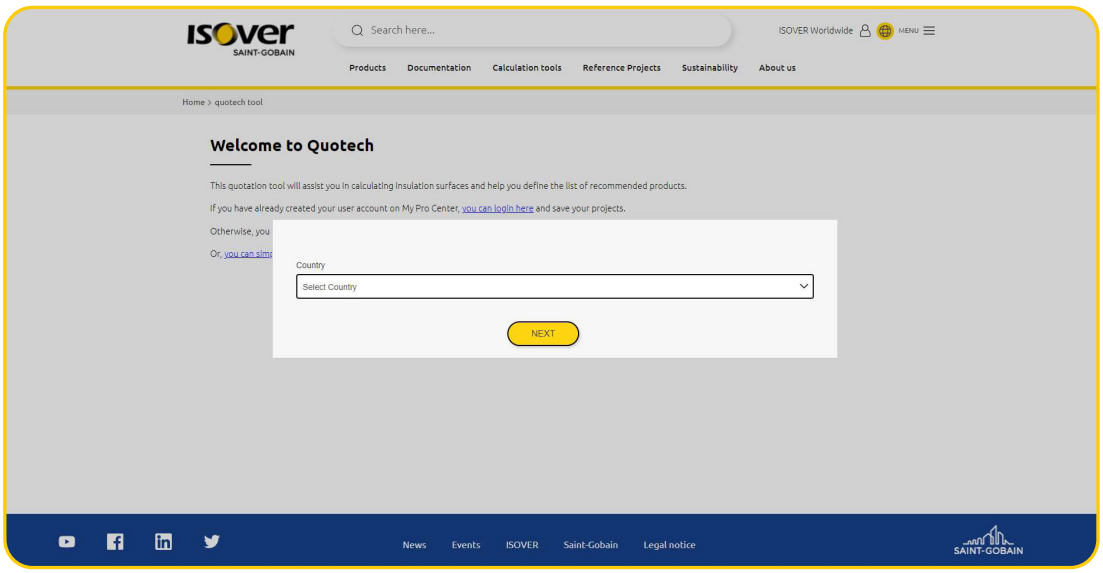


Profile: Check your data and if necessary you can modify it by clicking on 'EDIT'. Then you access to the same screen as when creating your user for the first time and there you will be able to change whatever data of your profile.



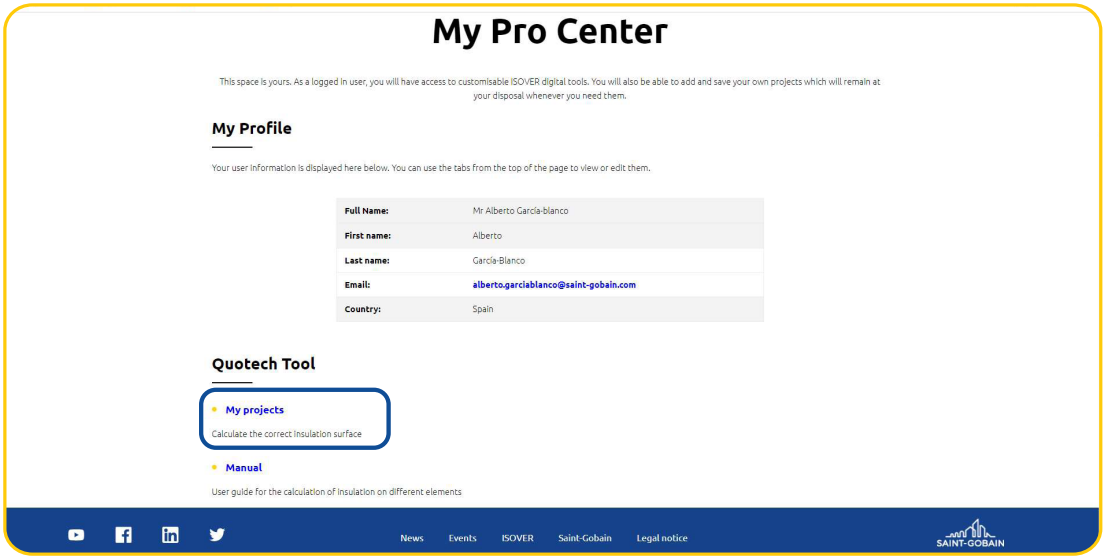
ENTER AS GUEST

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':



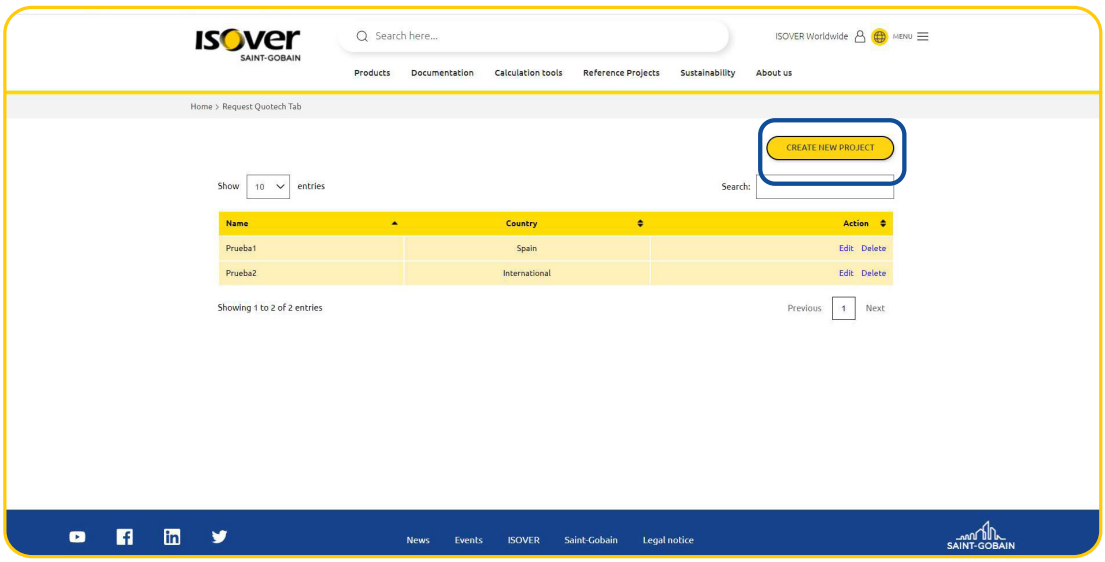
Data
INPUT

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

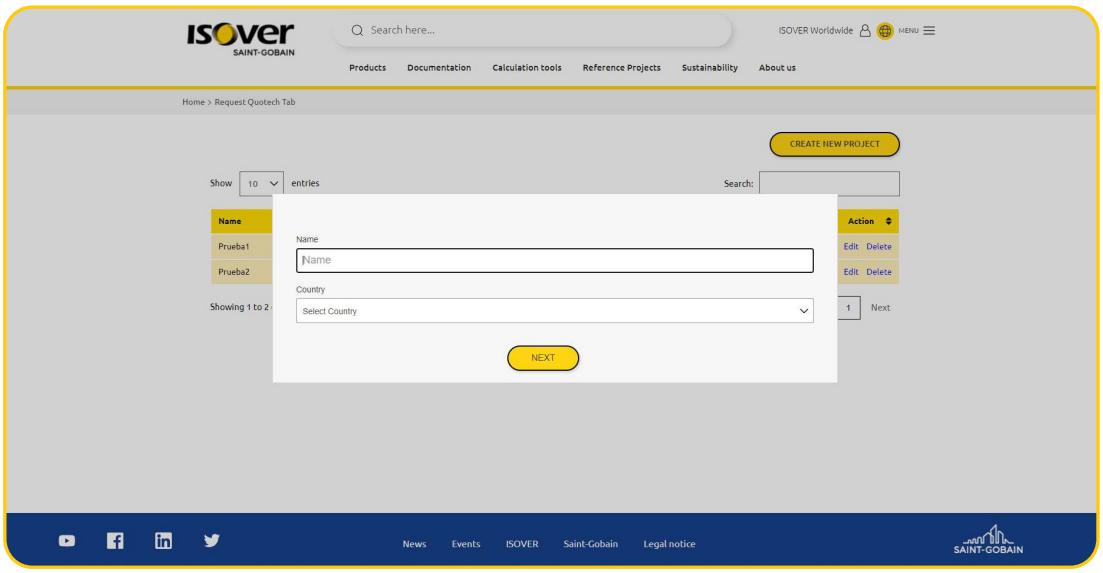


You will land in the Projects page from where you can:

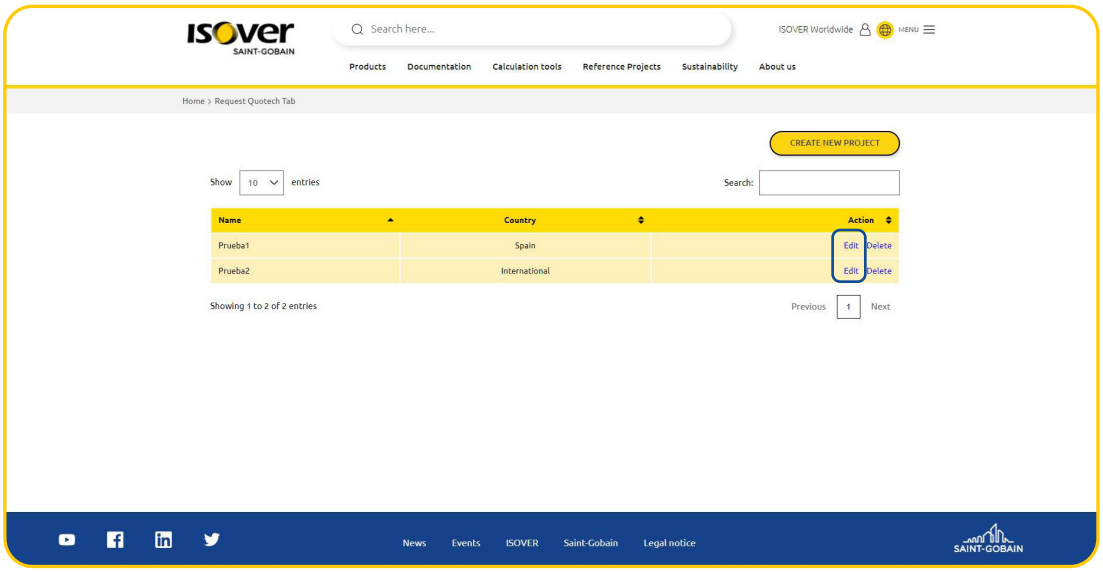
⇒ Create a new project



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':



⇒ Edit an existing project



DATA INTRODUCTION

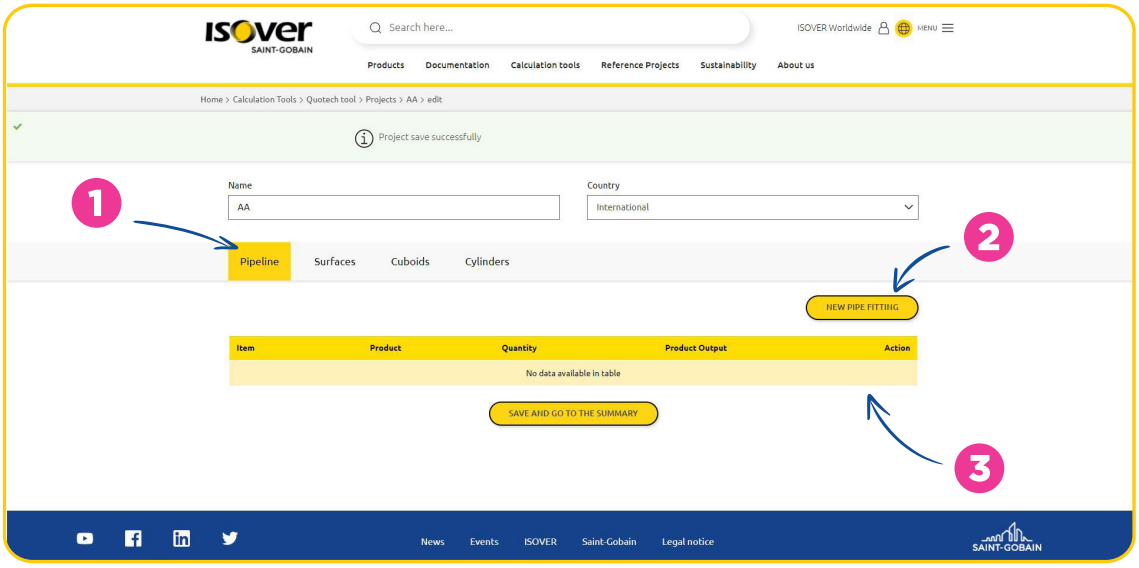
Once you have accessed to your project, either as new or editing an existing one, you can start creating new items for its insulation need calculation.

In this screen you will find different parts:

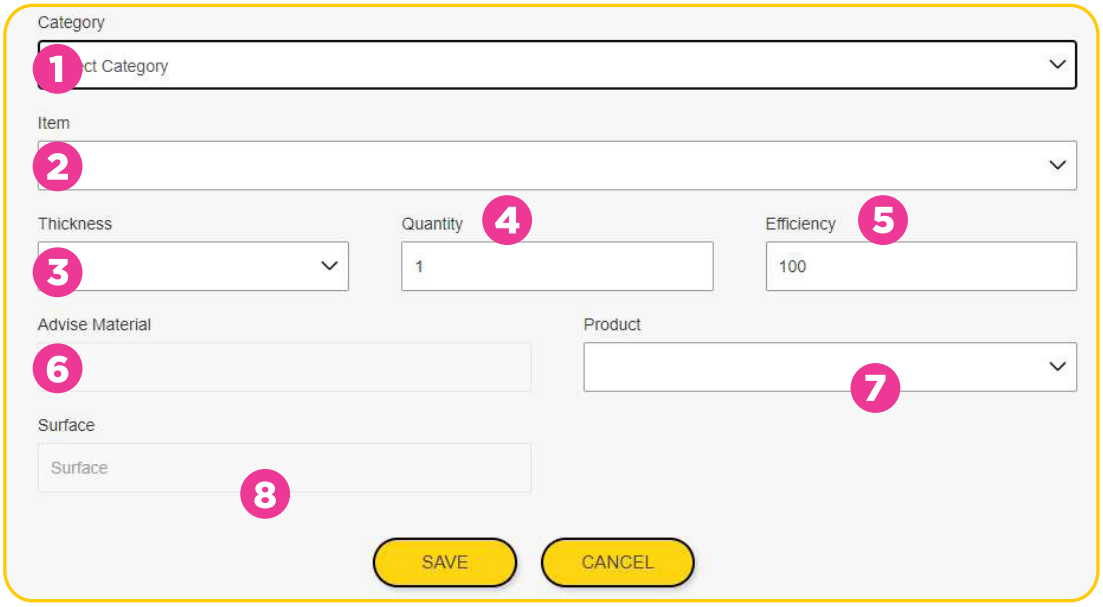
1. › **FAMILY:** Pipeline (pipes, flanges, valves, T-cross, etc), Surfaces (Rectangle, triangle, pentagon, etc), cubois (3D-Shapes) and Cylinders

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

3. › **LIST OF ITEMS** created in the present project for each category



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:



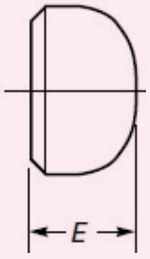
Data introduction to obtain the final calculated results are:

1. › **CATEGORY**
2. › **ITEM**
3. › **INSULATION THICKNESS**
4. › **QUANTITY** (How many items)
5. › **EFFICIENCY** (material efficiency during installation)
6. › **ADVISED MATERIAL** (depends on the previous data, Pipe Sections, WNM or others)
7. › **ISOVER PRODUCT CHOICE**
8. › **CALCULATED SURFACE/LINEAR METERS** of the insulation chosen needed for insulating

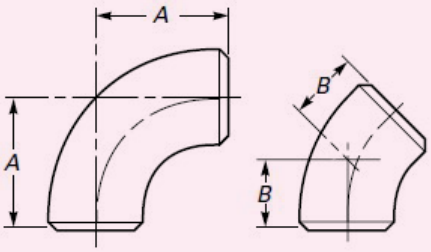
FAMILIES AND CATEGORIES

⇒ Pipeline

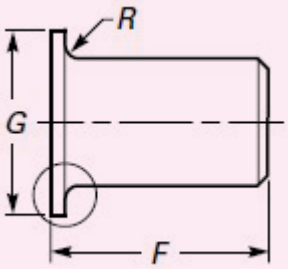
Pipeline Categories



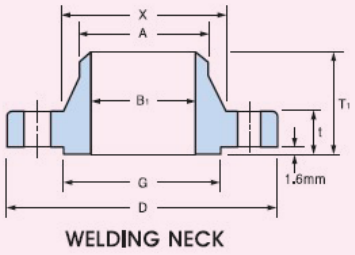
Cap



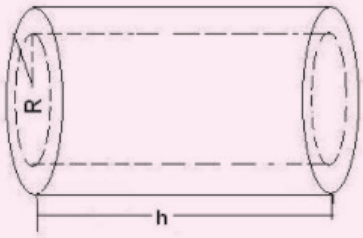
Elbow



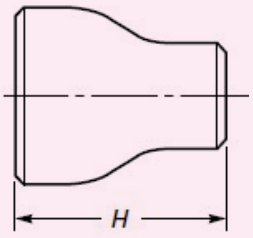
END LP
END SP



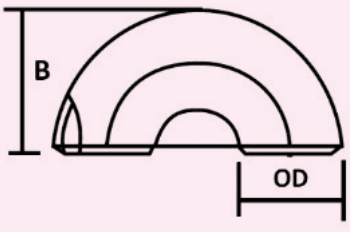
Flange
Flange Strainer



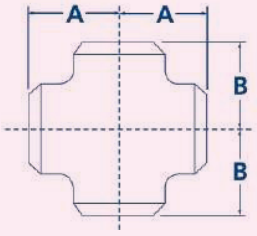
Pipe



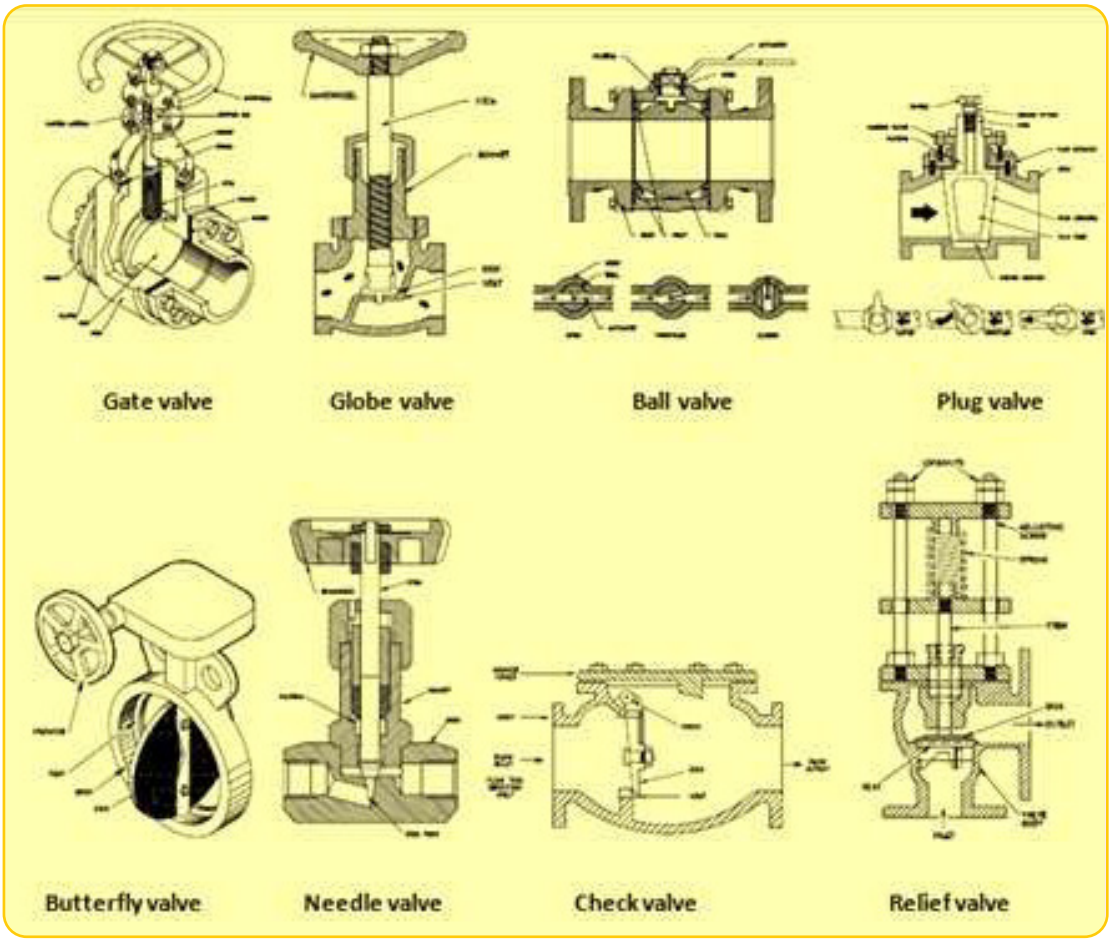
Reducer



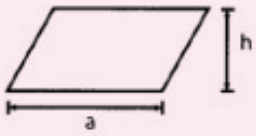
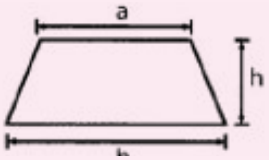
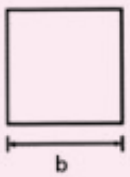
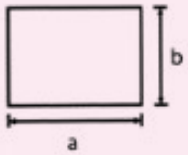
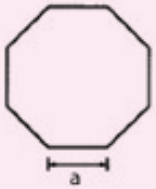
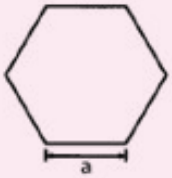
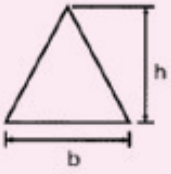
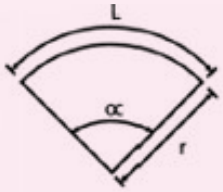
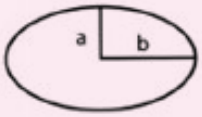
Returns LR
Returns SR

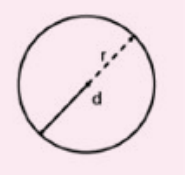
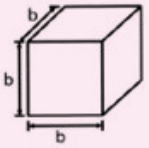
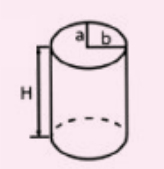
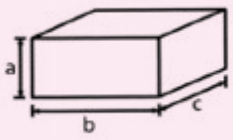


Tee cross
Tee cross red
Tee straight
Tee straight red



⇒ Surfaces

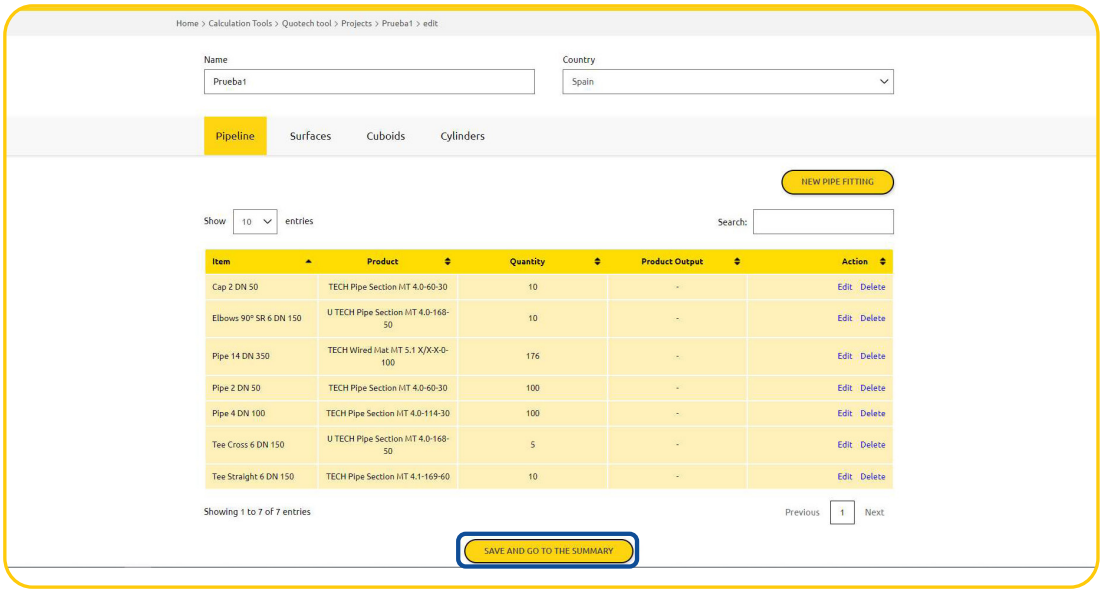
 Parallelogram	 Trapezoid	 Square
 Rectangle	 Regular octagon	 Regular hexagon
 Triangle	 Sector of circle	 Ellipse

 Sphere	Cylinder	 Cube
 Elliptical tank	Cone	 Rectangular solid

⇒ Cuboids
⇒ 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”.

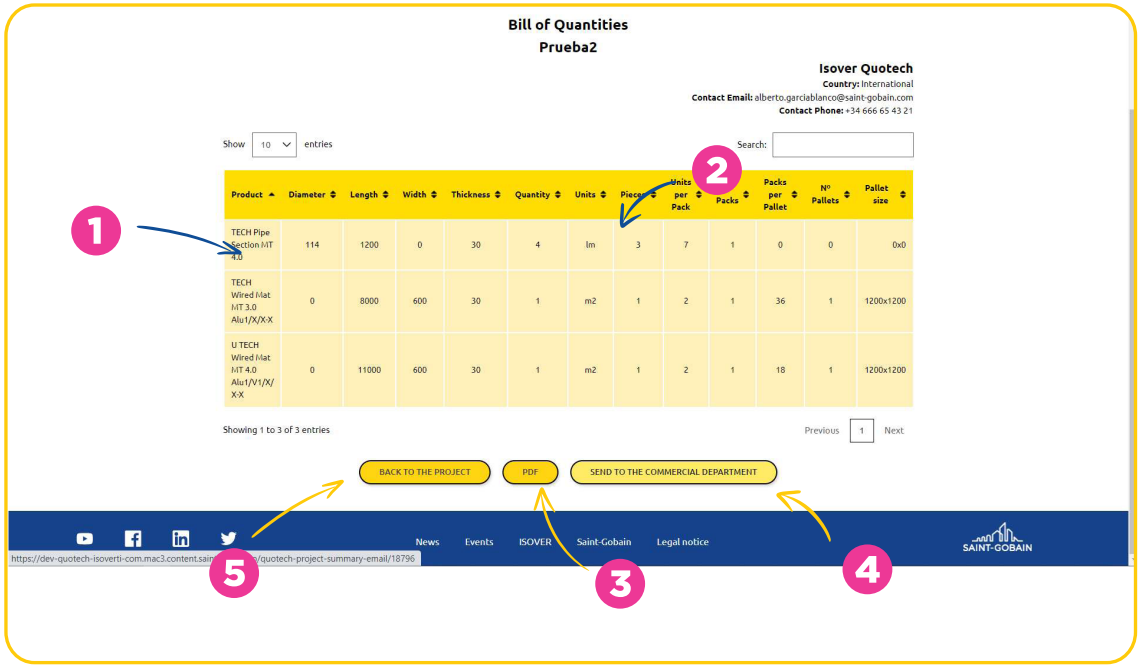


PARTS OF THE SUMMARY

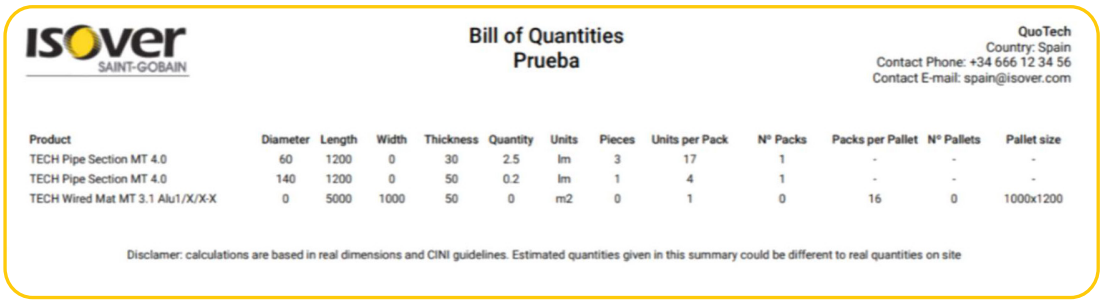
Once you have accessed to your project, either as new or editing an existing one, you can start creating new items for its insulation need calculation.

In this screen you will find different parts:

1. › **NECESSARY PRODUCTS**
2. › **LOGISTICS PRODUCTS**
3. › **GENERATE PDF WITH SUMMARY**
4. › **SEND TO THE COMMERCIAL DEPARTMENT** – You can send to the ISOVER Commercial Department, and they then will contact you back.
5. › **BACK TO THE PROJECT** – You can edit the project.



VIEW PDF SUMMARY



ISOVER SAINT-GOBAIN

Bill of Quantities
Prueba

QuoTech
Country: Spain
Contact Phone: +34 666 12 34 56
Contact E-mail: spain@isover.com

Product	Diameter	Length	Width	Thickness	Quantity	Units	Pieces	Units per Pack	Nº Packs	Packs per Pallet	Nº Pallets	Pallet size
TECH Pipe Section MT 4.0	60	1200	0	30	2.5	lm	3	17	1	-	-	-
TECH Pipe Section MT 4.0	140	1200	0	50	0.2	lm	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: calculations are based in real dimensions and CINI guidelines. Estimated quantities given in this summary could be different to real quantities on site

Calculation
EXAMPLE

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

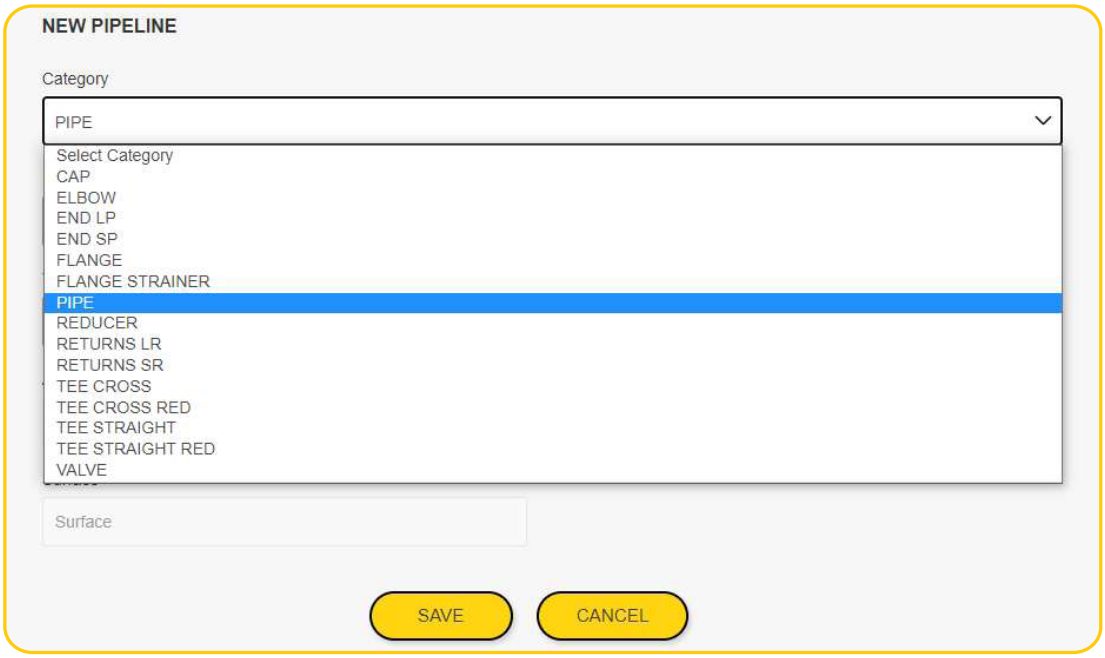
- **250 m of a 6" pipe**
- **125 m of a 14" pipe**
- **4 flanges (Std 150 Lbs) at the 6" line**
- **3 valves (Swing Check 150) at the 14" line**
- **One T-straight with reduction from 14" to 6"**

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

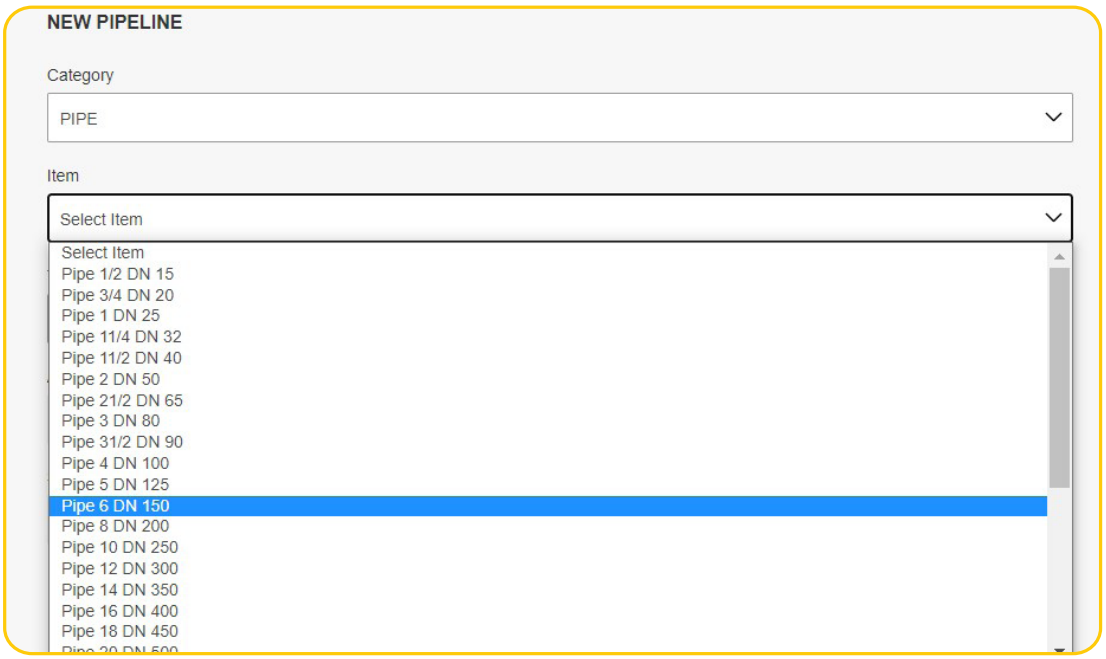
250 m of 6" pipe

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

→ Select "Category" from the list, in this case "Pipe"

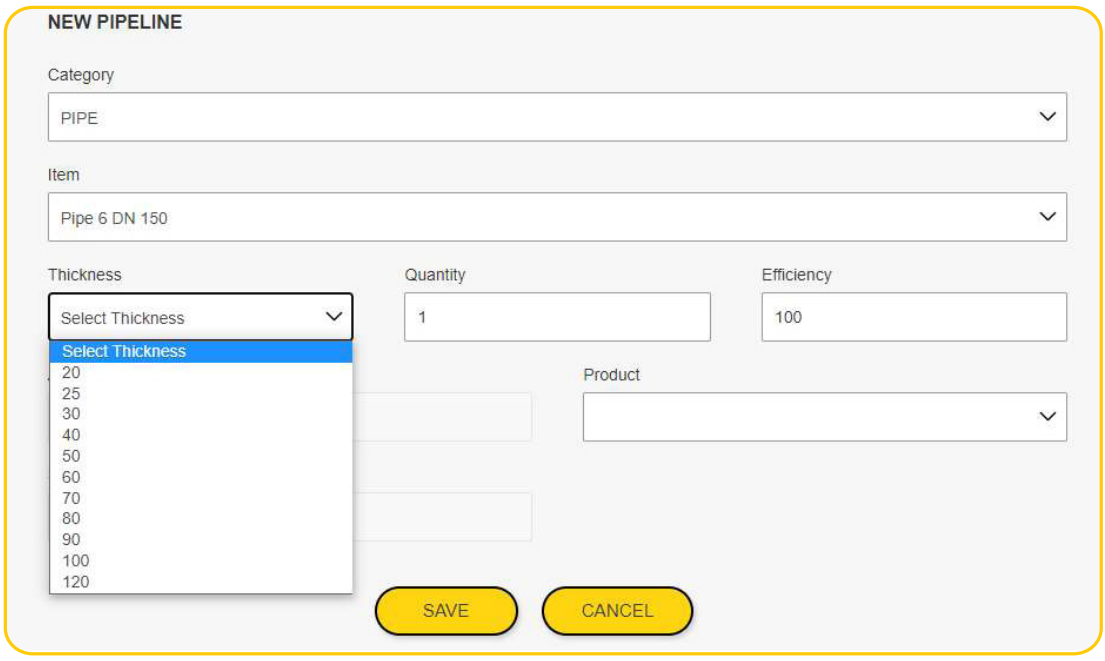


→ Select the “Item” from the list, in this case “Pipe 6 DN 150”

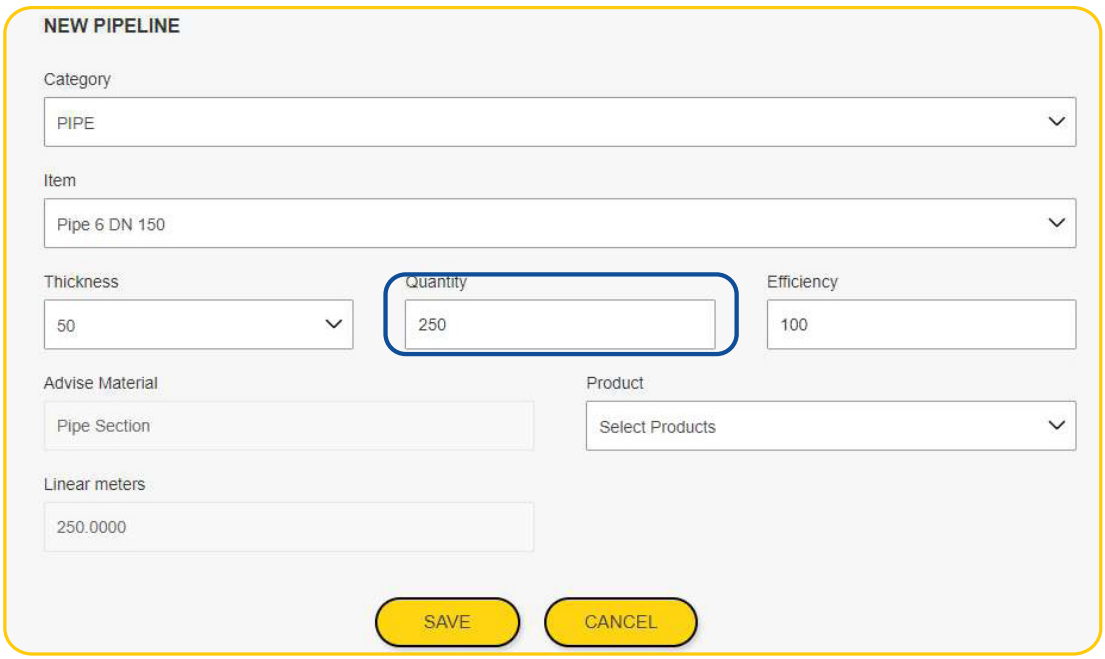


→ Select “Thickness”

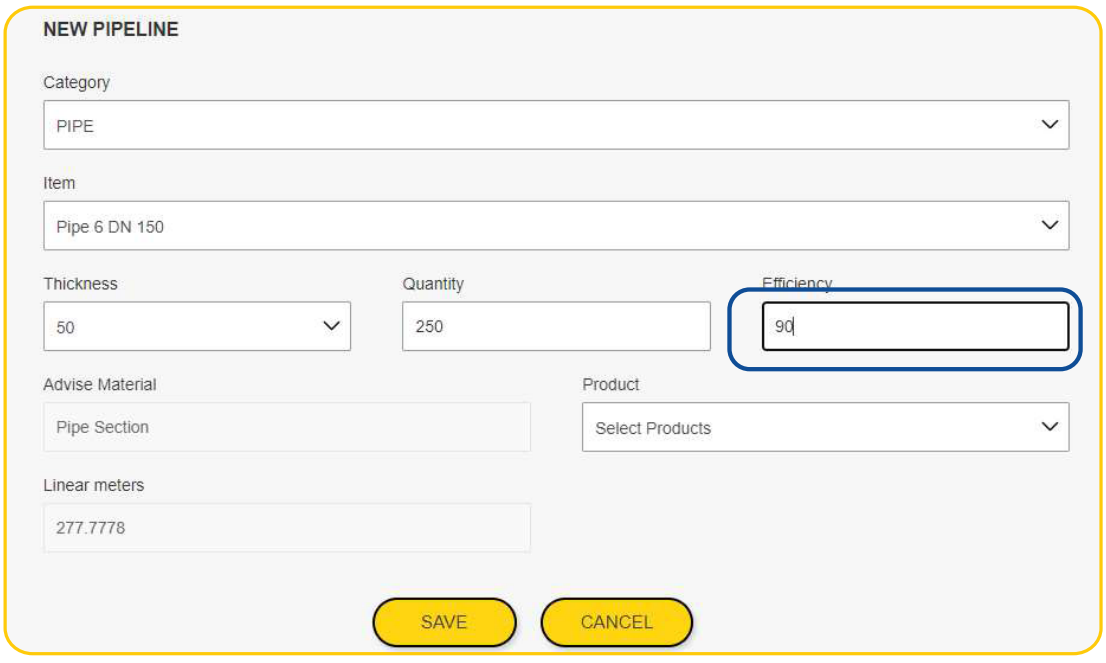
\+ Select from the list of possibilities 50 mm



→ Insert “Quantity”
+ Enter the number of meters of your pipe line, in this case 250 m

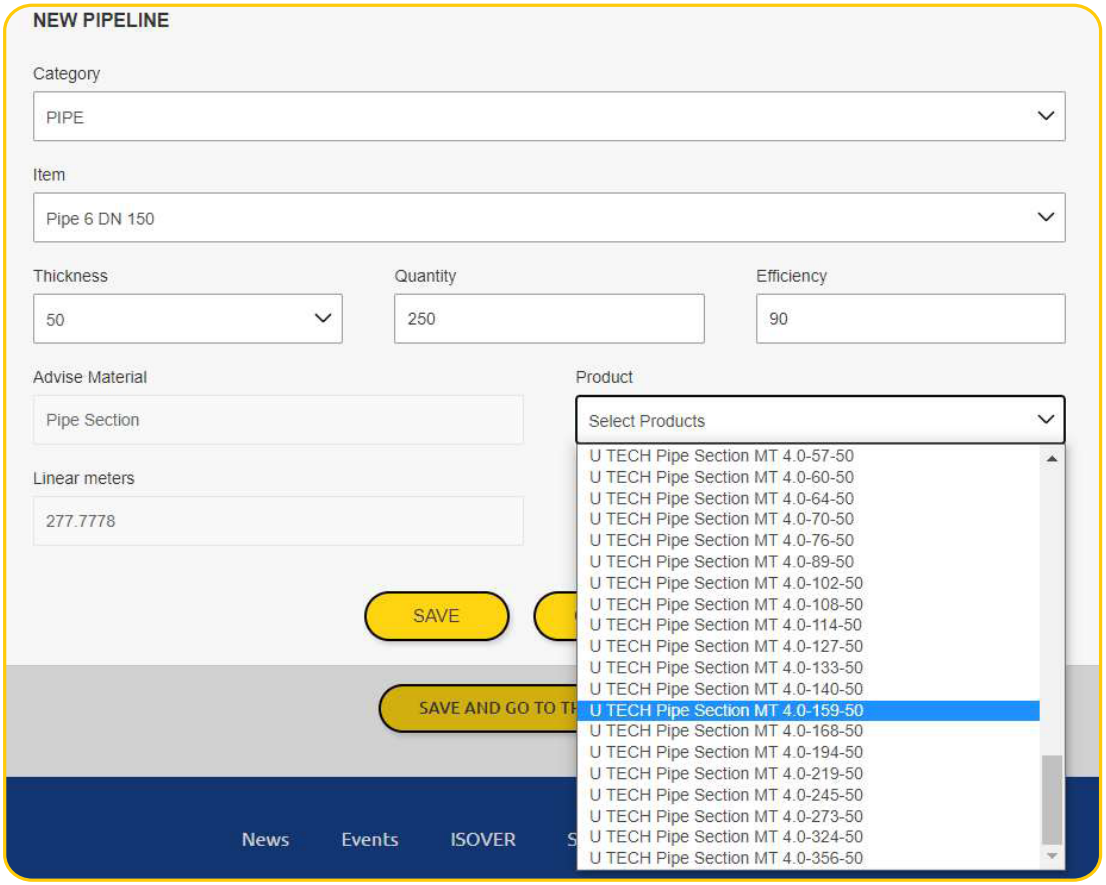


→ Insert “Efficiency”. In this case we will use a 90% of material efficiency, what means that we assume having a 10% of scrap during the installation.

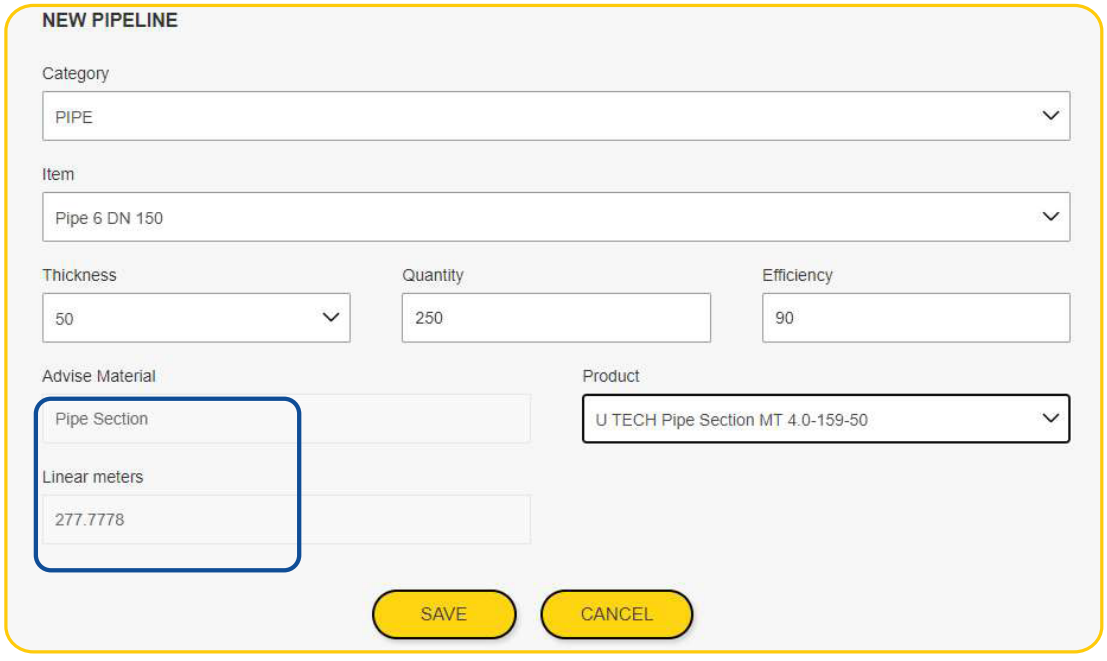


→ Select “Product”

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

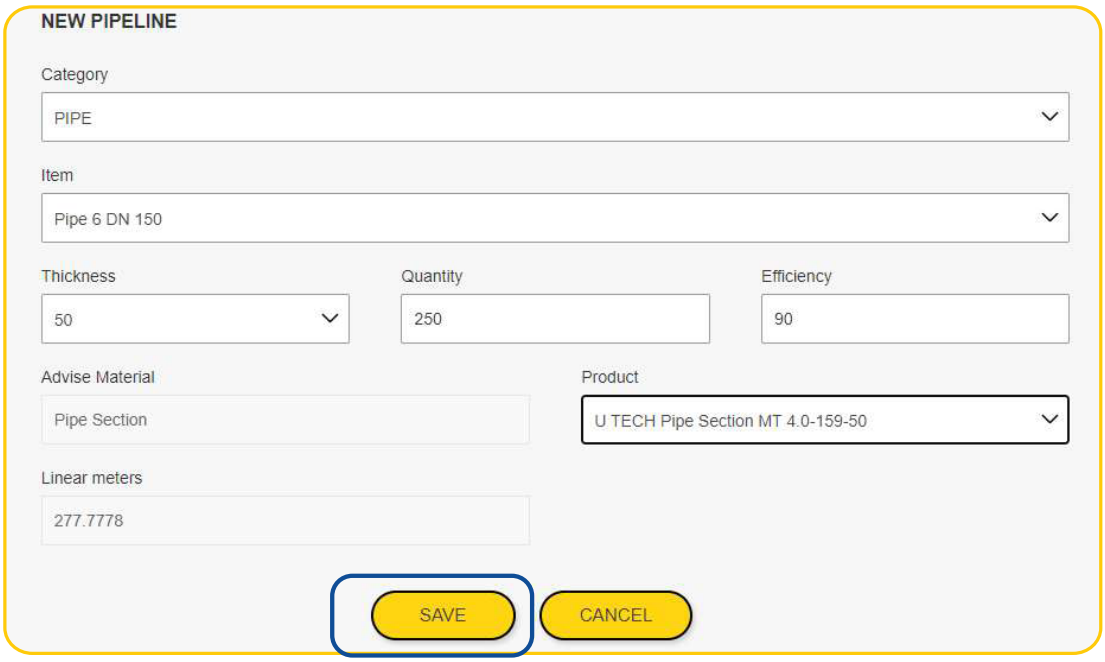


Now you can see which are the insulation needs for this item:

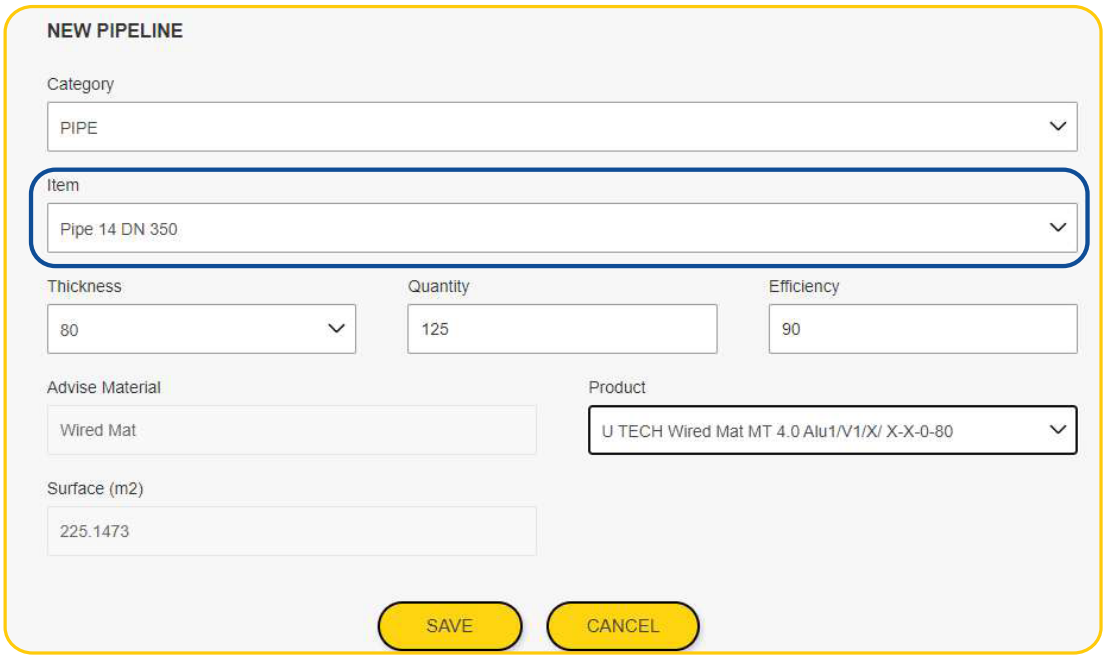


→ Resume information

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



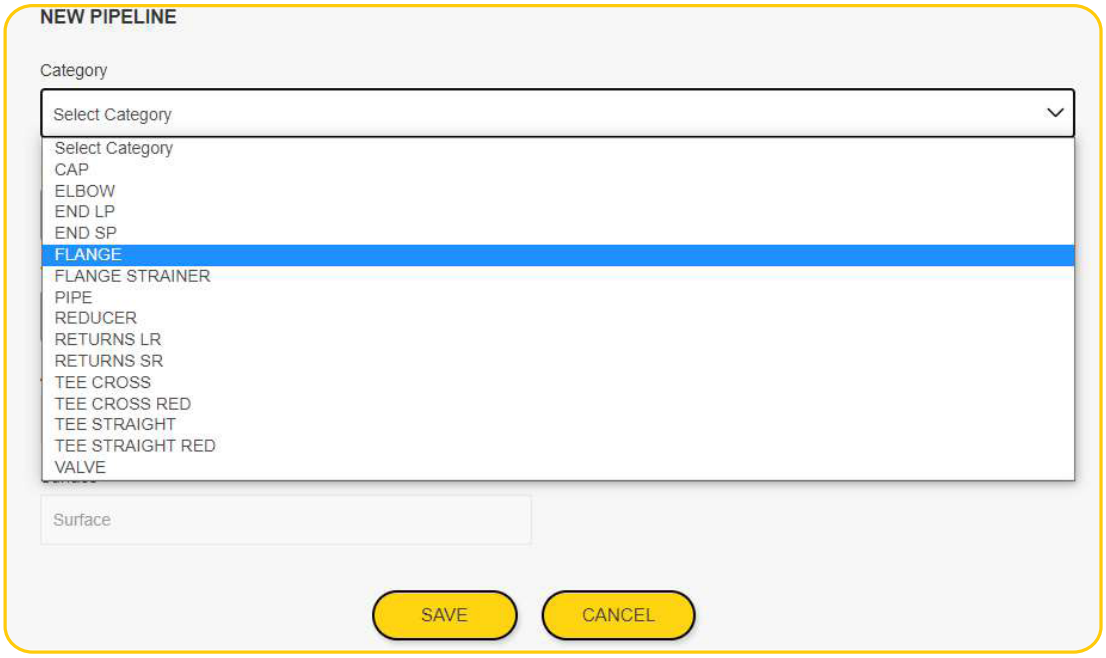
All these steps must be done for the other line, the 14" pipe:



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

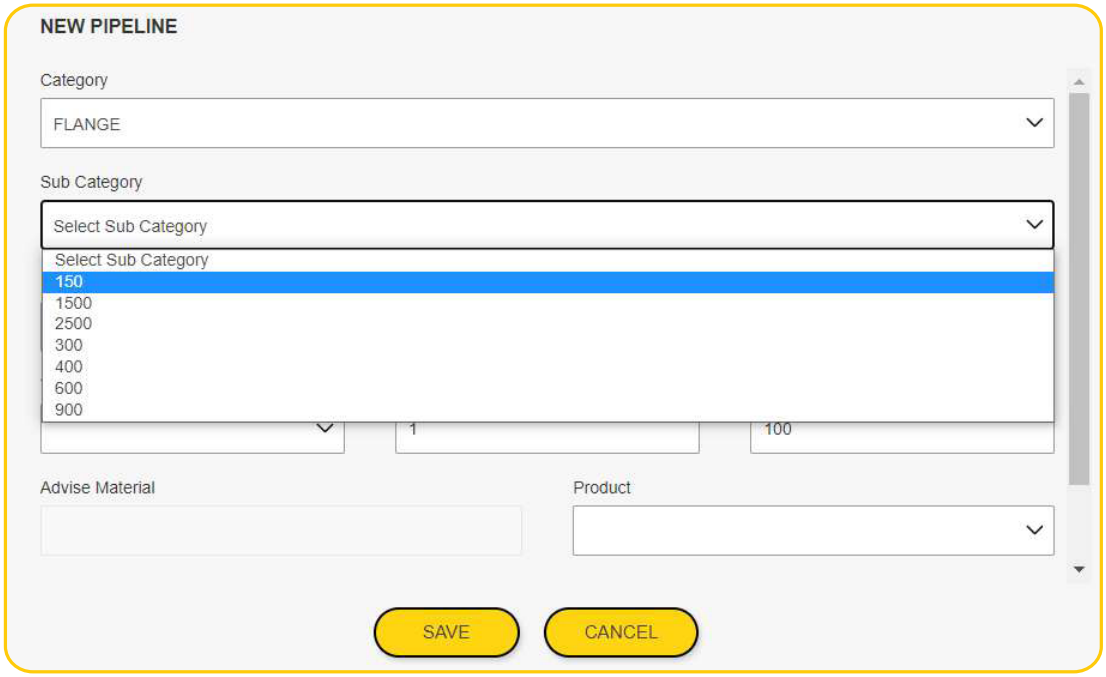
4 Flanges at the 6” line

→ Select “Category” from the list, in this case “Flange”



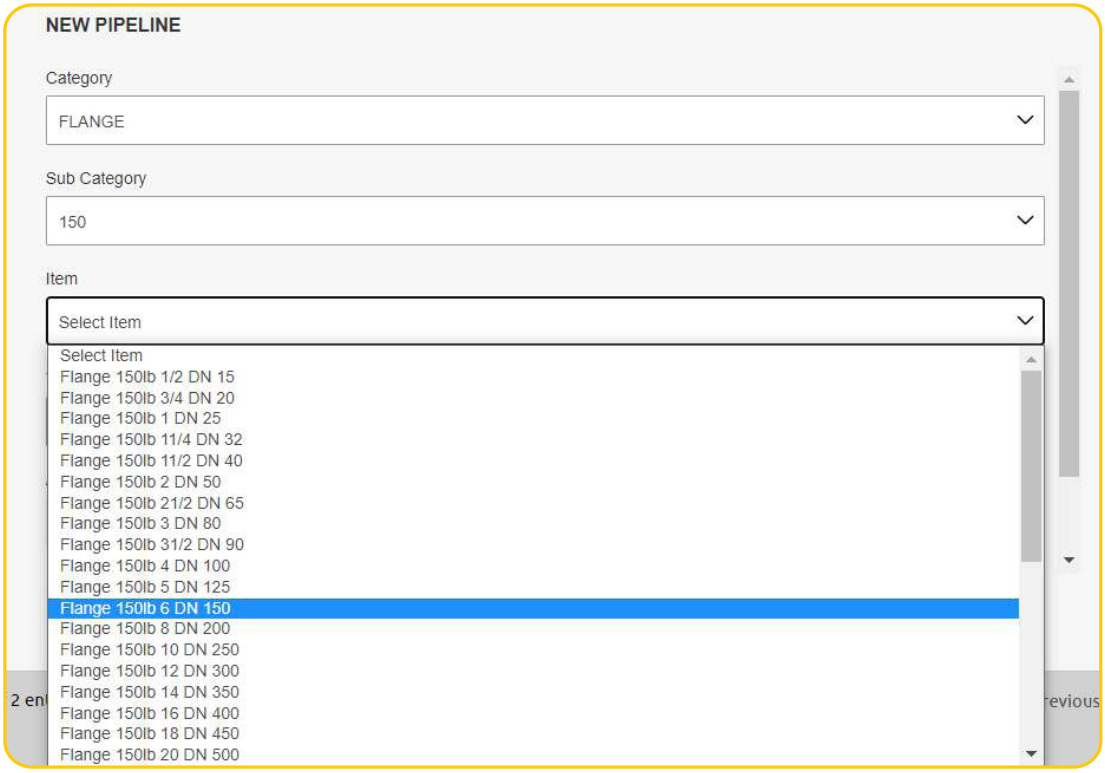
→ Select “Subcategory”

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



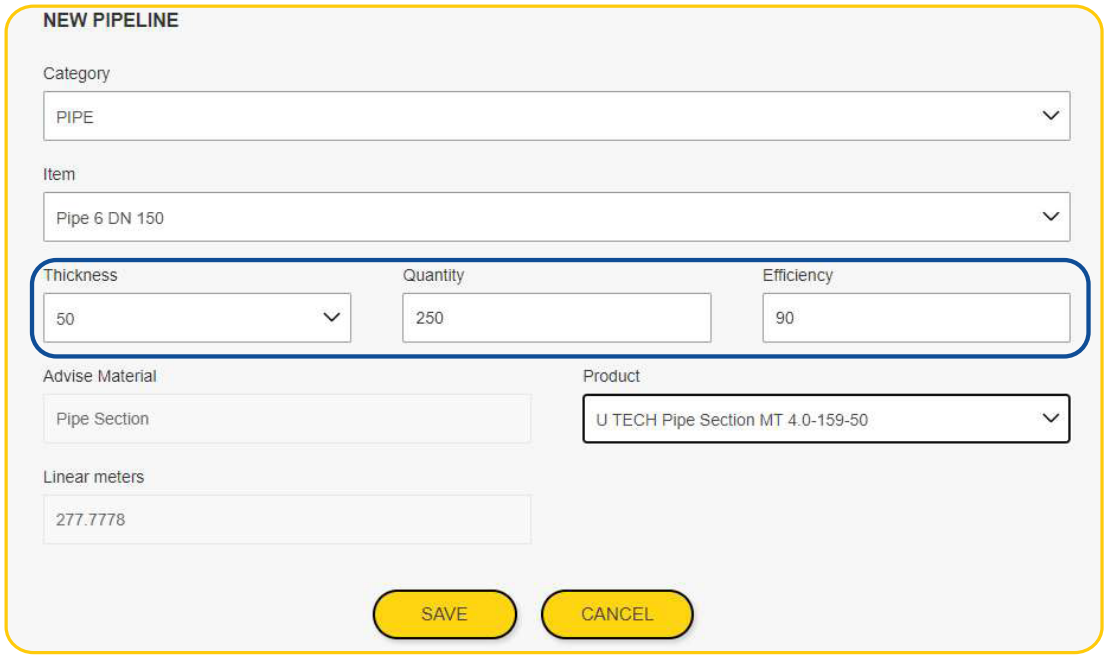
→ Select “Item”

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

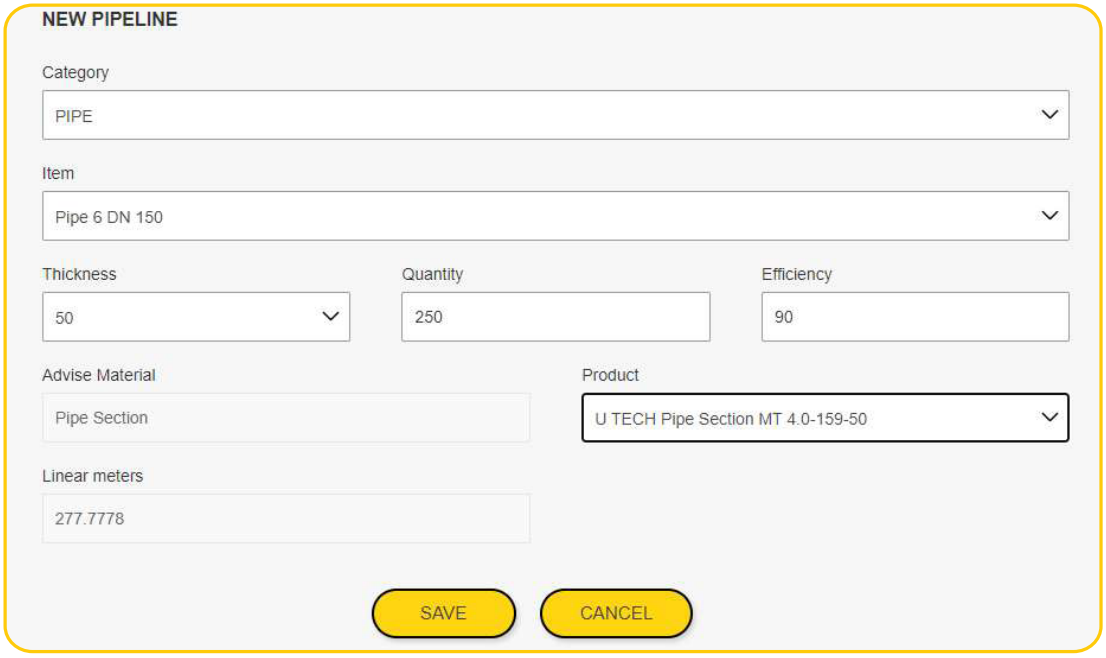


→ Select “Thickness”, “Quantity” and “Efficiency”

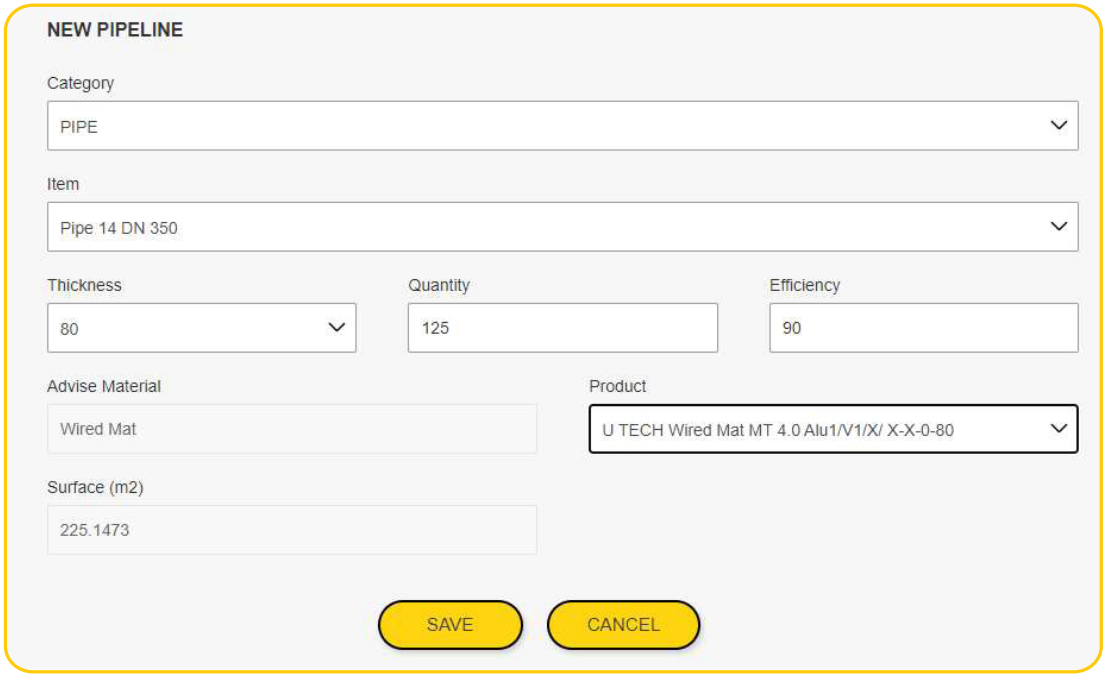
+ Select from the list of possibilities. In this case the insulation thickness for fittings should be the same than on the pipeline, so 50 mm in this case. As “Quantity” we will set the amount of these items, in this case ‘4’ and for the efficiency, we will use 85%, a bit less than with the regular pipe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



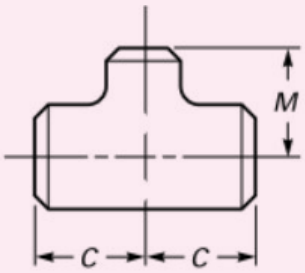
→ Insert “Product”
In this case we need to select a bigger diameter pipe section taking into account the size of the flange, so we select from the list a pipe section with inner diameter 273 mm.



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



T-Cross reduction

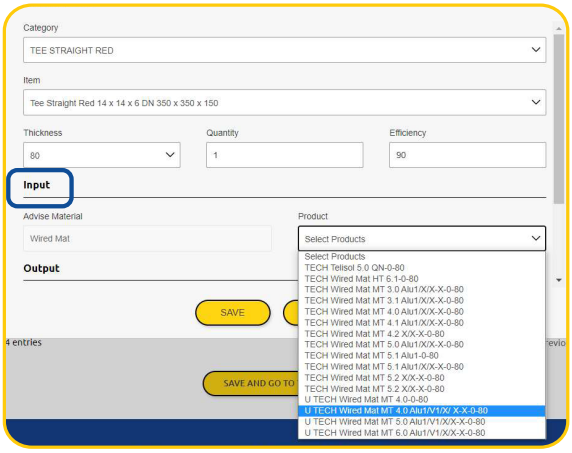


In this case, you need different thicknesses for the output and for the main line, so two different solutions.

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

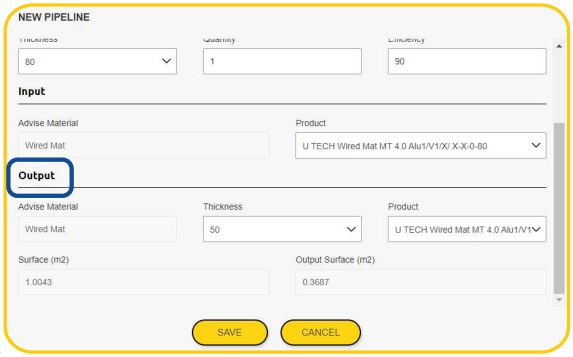
INPUT

→ Select “Product”
→ Select from the list of ISOVER products

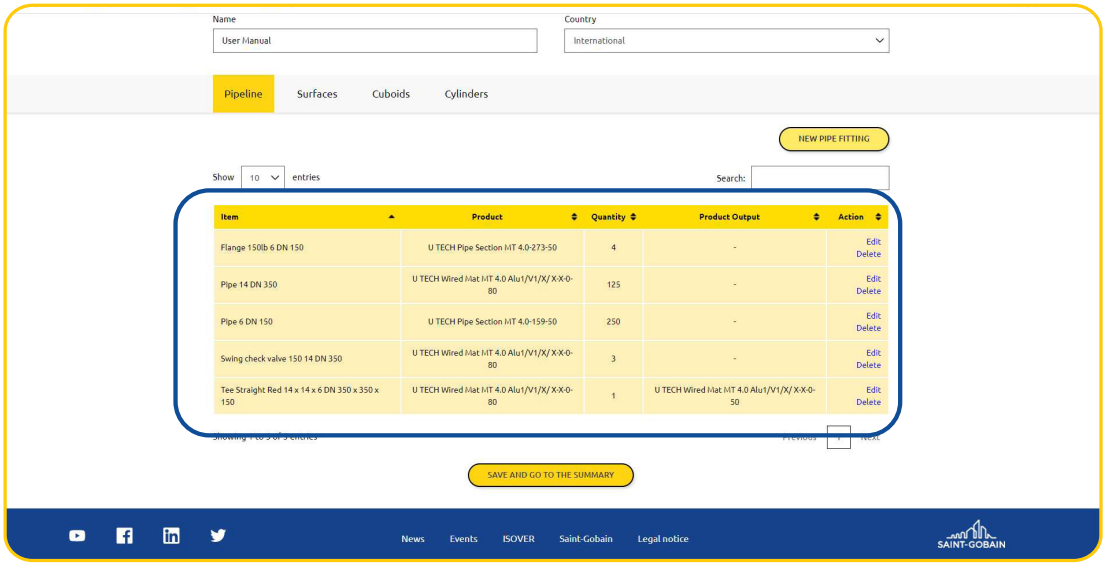


OUTPUT

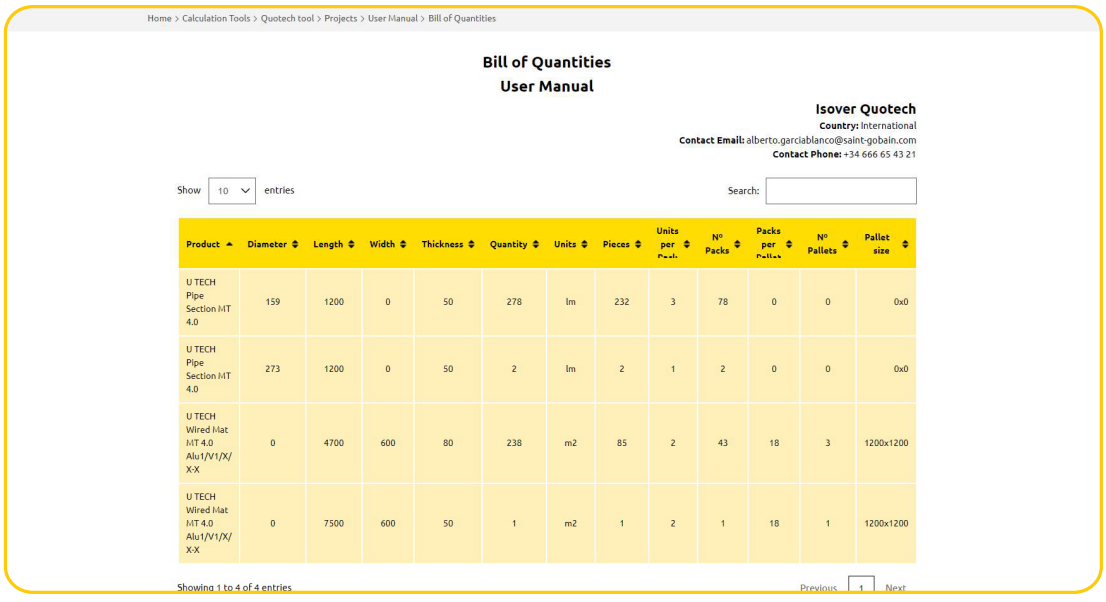
→ Select “Thickness” – you can select a different thickness and product to the ‘input’
→ Select “Product”
+ Select from the list of ISOVER products



Now the list of items of your project is complete:



→ Select “Save and go to the Summary”



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	N° Packs	Packs per Pallet	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	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	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

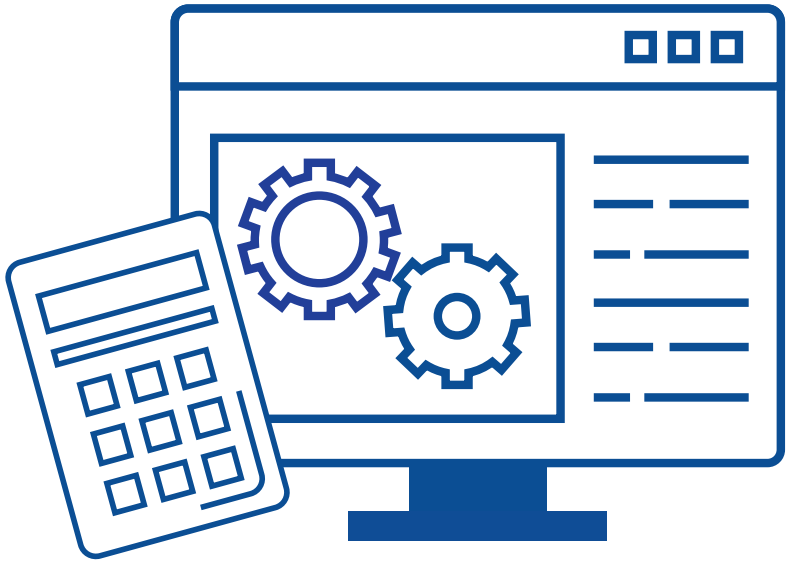
Showing 1 to 4 of 4 entries

Previous 1 Next

BACK TO THE PROJECT PDF SEND TO THE COMMERCIAL DEPARTMENT

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 A BETTER 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, “MAKING THE WORLD A BETTER 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.

SAINT-GOBAIN

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

Saint-Gobain ISOVER

Tour Saint-Gobain
12 place de l'Iris
92096 La Défense Cedex - France

www.isover-technical-insulation.com

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