

Tecnologia al servizio della
protezione passiva al fuoco:

Soluzioni **digitali** per il cantiere

Arch. Marco L'Erede

AF Systems
PASSIVE FIRE PROTECTION

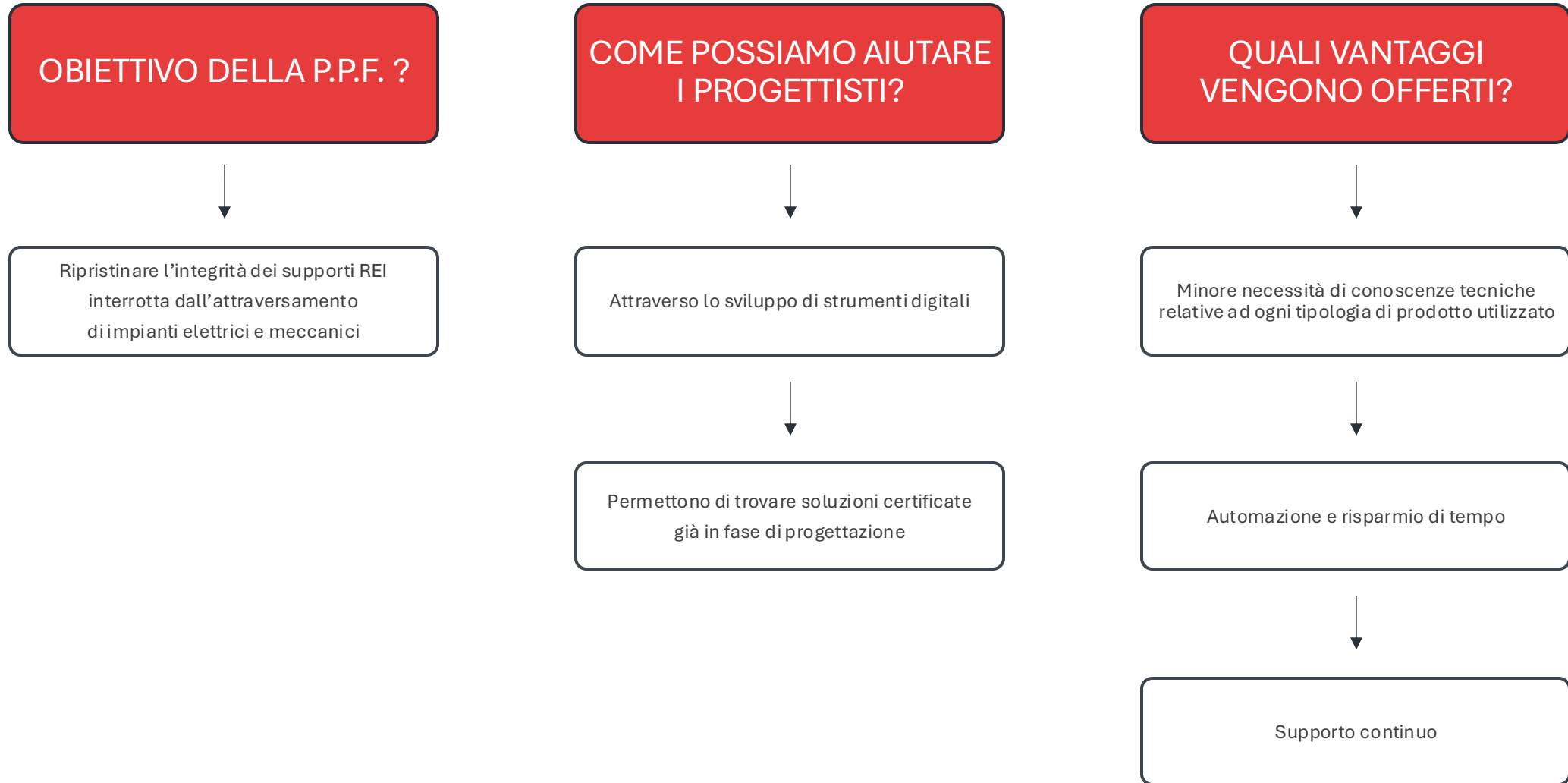
TOUR 2025

SAFETY VILLAGE

FIRE & LIFE SAFETY

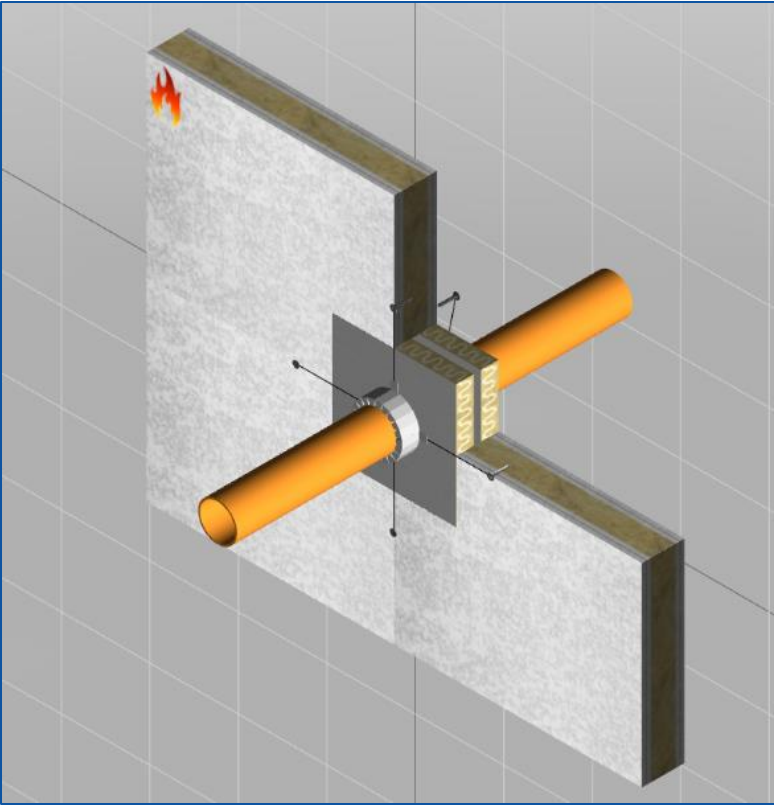
 agorà


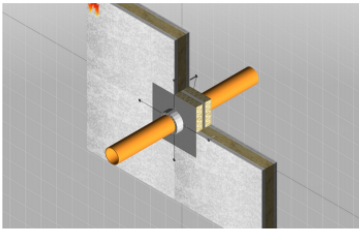
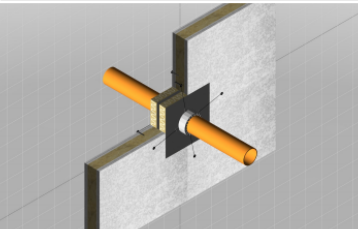
TECNOLOGIA AL SERVIZIO DELLA PROTEZIONE PASSIVA AL FUOCO



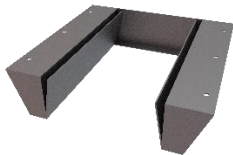
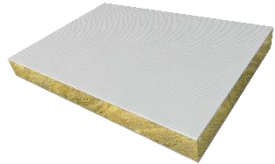
SOLUZIONI DIGITALI: LA TRASFORMAZIONE TECNOLOGICA DEGLI ULTIMI ANNI

3D Firestop Configurator

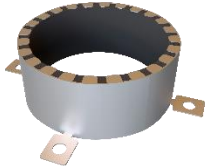


		Date: 05/24/2021 11:54:12 Result generated by: Stefano Cucchetti Company: AF Systems srl Mobile/Phone: Mail: s.cucchetti@af-systems.com
Project: Building 2 City/Address: Milano State/Region/Country: Italy		
Areas/Location: Solution type: Impianti di servizio (tubazioni, cavi) Description:	Support type: Parete flessibile 120 mm Fire rate: EI 120 Opening type: Rettangolare 350x350 mm Penetration type: Combustibile PVC 110 mm	
		
One side (fire side) - other side		
PRODUCT USED/SOLUTION CATALOGUE		
AF COLLAR G51F - EI 120 / EI 180 AF PANEL E01A - EI 120 / EI 180 AF SEAL W F02B - EI 120 / EI 180		
AF COLLAR - Technical Sheet AF PANEL - Technical Sheet AF SEAL W - Technical Sheet Application Data Sheet Certification		

SOLUZIONI DIGITALI: LA TRASFORMAZIONE TECNOLOGICA DEGLI ULTIMI ANNI



Libreria BIM



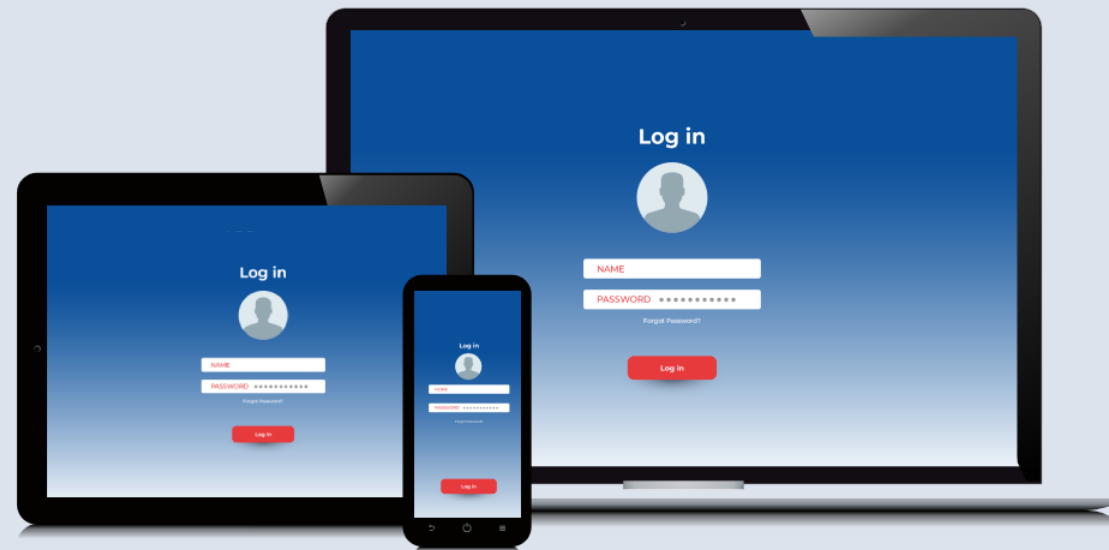
SOLUZIONI DIGITALI: LA TRASFORMAZIONE TECNOLOGICA DEGLI ULTIMI ANNI

Penetration material	Insulation	Fire rating	Qty	Solution	Warn
		[REI 120] EI 120	2	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	2	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	3	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 60] EI 60	6	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 60] EI 60	1	AF COLLAR + AF SEAL W [Replace] [Clear]	1
ABS] ABS [Edit]	<Not found> [Edit]	[REI 60] EI 60	1	AF COLLAR + AF SEAL W [Replace] [Clear]	1
PVC-bonding joints] PVC [Edit]	<Not found> [Edit]	[REI 60] EI 60	1	AF COLLAR + AF SEAL W [Replace] [Clear]	1
P_PP_Stainless-Steel_XX] Steel [Edit]	<Not found> [Edit]	[REI 60] EI 60	1	AF COLLAR + AF SEAL W [Replace] [Clear]	1
		[REI 60] EI 60	1	AF Firestop Plugin	1
		[REI 60] EI 60	1		1
		[REI 120] EI 120	7	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	5	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	2	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	2	AF PANEL + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	4		1
		[REI 120] EI 120	4		1
Cable-Tray-Covered-Split_Special-Security-Systems] Small cables [Edit]	<Not found> [Edit]	[REI 120] EI 120	1	AF PANEL + AF SEAL W [Replace] [Clear]	1
PP] PP [Edit]	<Not found> [Edit]	[REI 120] EI 120	1	AF COLLAR + AF PANEL + AF SEAL W [Replace] [Clear]	1
P_PP_PVC_XX] PVC [Edit]	<Not found> [Edit]	[REI 120] EI 120	1	AF COLLAR + AF SEAL W [Replace] [Clear]	1
		[REI 120] EI 120	1	AF MULTICOLLAR + AF SEAL W / AF MULTICOLLAR + AF SEAL W [Place]	1
		[REI 120] EI 120	2		1
PP] PP [Edit]	<Not found> [Edit]	[REI 120] EI 120	1	AF MULTICOLLAR + AF SEAL W [Place]	1
		[REI 120] EI 120	8	AF PANEL + AF SEAL W [Place]	1
PP] PP [Edit]	<Not found> [Edit]	[REI 120] EI 120	1	AF MULTICOLLAR + AF SEAL W [Place]	1
HDPE] HDPE [Edit]	<Not found> [Edit]	[REI 120] EI 120	1	AF COLLAR + AF PANEL + AF SEAL W [Place]	1

Firestop Plugin



ON-SITE APP



Guest user



Accedi o Registrati

Il **selettore antincendio** funziona come un sistema di configurazione interattivo, che guida l'utente nella scelta della soluzione più adeguata in base a vari parametri.

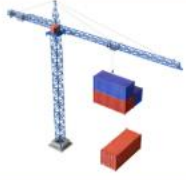
SELECTOR

SITE MANAGER

Il **Site Manager** è progettato per facilitare il monitoraggio e la gestione degli attraversamenti in cantiere e automatizza la **compilazione della dichiarazione di corretta posa**, riducendo errori e semplificando il processo.

SELECTOR

SOLUTION TYPE



Solution based on construction



Solution based on product



SELECTOR

← CONTEXT OF APPLICATION



Through penetration



Joints and openings



Air



Other applications



SELECTOR

< WHAT TO PROTECT



Cables



Pipes



Firestop damper



SELECTOR

< PENETRATION TYPES



Combustible



Insulated Combustible



Bare Steel



Insulated Steel



Bare Aluminium



Bare Cooper



Insulated Cooper



Multilayer



Flexible with rubber cover



SELECTOR



SUPPORT TYPES



Walls



Floors



Ceiling



SELECTOR

< SUPPORT SPECIFIC



Show all



Plasterboard wall



Rigid wall



Self Supporting wall



Sandwich wall



X-lam wall



SELECTOR



EXTRA



Show all



Flush opening



Non flush with the hole



SELECTOR

← AVAILABLE PRODUCTS

Show All



AF BRICK



AF COLLAR



AF GRAPHIT FOAM



AF MULTICOLLAR

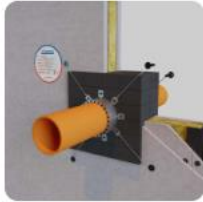


AF SLEEVE



SELECTOR

< AVAILABLE SOLUTIONS



PRODUCTS

AF COLLAR
AF BRICK
AF GRAPHIT FOAM

DESCRIPTION

Sealing of combustible pipes with AF COLLAR firestop collars chosen based on the pipe dimensions and outer space sealing with AF BRICK in the wall.



PRODUCTS

AF COLLAR
AF PANEL
AF SEAL W

DESCRIPTION

Sealing of combustible pipes with AF COLLAR firestop collars chosen based on the pipe dimensions and outer space sealing with a double/triple layer of AF PANEL sealed with AF SEAL W in the wall.



PRODUCTS

AF COLLAR
AF PANEL
AF SEAL W

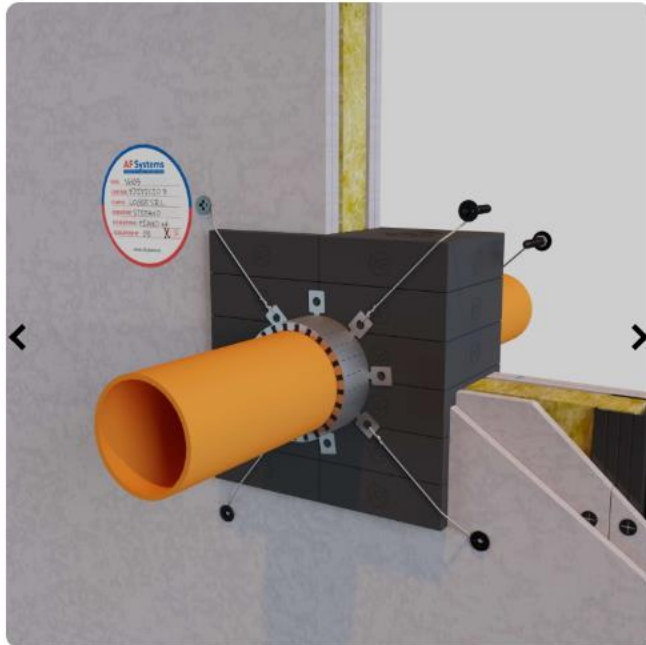
DESCRIPTION

Sealing of combustible pipes with AF COLLAR firestop collars chosen based on the pipe dimensions and outer space sealing with a single layer of AF PANEL sealed with AF SEAL W in the wall.



SELECTOR

< AVAILABLE SOLUTIONS



AF COLLAR + AF BRICK + AF GRAPHIT FOAM

Sealing of combustible pipes with AF COLLAR firestop collars chosen based on the pipe dimensions and outer space sealing with AF BRICK in the wall.

> SUMMARY

> TECHNICAL DATA SHEET

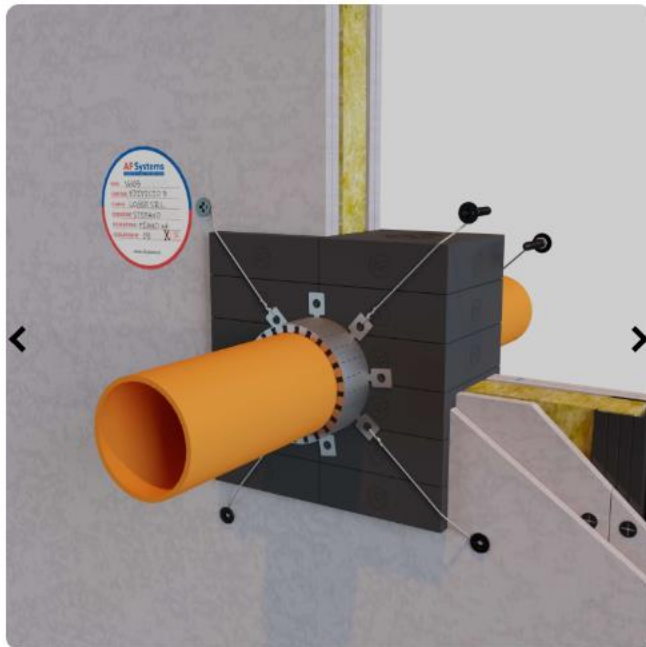
> APPLICATION DATA SHEET

> CERTIFICATIONS



SELECTOR

< AVAILABLE SOLUTIONS



AF COLLAR + AF BRICK + AF GRAPHIT FOAM

Sealing of combustible pipes with AF COLLAR firestop collars chosen based on the pipe dimensions and outer space sealing with AF BRICK in the wall.

> SUMMARY

> TECHNICAL DATA SHEET

> APPLICATION DATA SHEET

∨ CERTIFICATIONS

↓ [\[IT\] ETA 16-0771_AF Multicollar.pdf](#)

↓ [\[EN\] ETA 16-0771_AF Multicollar.pdf](#)

↓ [\[ES\] ETA 16-0771_AF Multicollar.pdf](#)

↓ [\[FR\] ETA 16-0771_AF Multicollar.pdf](#)



Guest user



Accedi o Registrati

SELECTOR

SITE MANAGER



Log in



[Forgot Password?](#)

Datamanagement

FILTER BY

SORT BY

SEARCH

CREATE NEW



PROJECT NAME: Ospedale Vimercate
CLIENT:
PLACE: Vimercate
SEALS: 123/123



STATUS: CLOSED



PROJECT NAME: Ospedale Vimercate
CLIENT:
PLACE: Vimercate
SEALS: 123/123



STATUS: CLOSED



PROJECT NAME: Ospedale Vimercate
CLIENT:
PLACE: Vimercate
SEALS: 123/123



STATUS: CLOSED



PROJECT NAME: Bosco Verticale
CLIENT:
PLACE: Milano
SEALS: 100/250



STATUS: OPENED



PROJECT NAME: Fondazione Prada
CLIENT:
PLACE: Milano
SEALS: 47/123



STATUS: OPENED



PROJECT NAME: Fondazione Prada
CLIENT:
PLACE: Milano
SEALS: 47/123



STATUS: OPENED



PROJECT NAME: Torre Allianz
CLIENT:
PLACE: Milano
SEALS: 170/170



STATUS: CLOSED



PROJECT NAME: Samsung Millano
CLIENT:
PLACE: Milano
SEALS: 47/123



STATUS: OPENED



PROJECT NAME: Samsung Millano
CLIENT:
PLACE: Milano
SEALS: 47/123



STATUS: OPENED



Datamanagement

FILTER BY

SORT BY

SEARCH

CREATE NEW

PROJECT

All
Created
Shared

STATUS

Open
Closed

CATEGORY

Residential
Industrial buildings
Shopping centre

Hospital and
Residential care home
Executive offices
Military, Barracks,
Penitentiary

Airport
Data centre
Hotel, Hostels,
Holiday resorts

Student housing
Sports centre and
Community centre
Others



PROJECT NAME: Ospedale Vimercate
CLIENT:
PLACE: Vimercate
SEALS: 123/123

STATUS: CLOSED



PROJECT NAME: Ospedale Vimercate
CLIENT:
PLACE: Vimercate
SEALS: 123/123

STATUS: CLOSED



PROJECT NAME: Ospedale Vimercate
CLIENT:
PLACE: Vimercate
SEALS: 123/123

STATUS: CLOSED



PROJECT NAME: Bosco Verticale
CLIENT:
PLACE: Milano
SEALS: 100/250

STATUS: OPENED



PROJECT NAME: Fondazione Prada
CLIENT:
PLACE: Milano
SEALS: 47/123

STATUS: OPENED



PROJECT NAME: Fondazione Prada
CLIENT:
PLACE: Milano
SEALS: 47/123

STATUS: OPENED



Datamanagement

FILTER BY

SORT BY



PROJECT NAME: Ospedale
CLIENT: Otosonica srl
PLACE: Vimercate
SEALS: 123/123

STATUS: CLOSED



PROJECT NAME: Bosco V
CLIENT: Bouygues e&s
PLACE: Milano
SEALS: 100/250

STATUS: OPENED



PROJECT NAME: Torre All
CLIENT: Allianz s.p.a.
PLACE: Milano
SEALS: 170/170

STATUS: CLOSED



SITE

CLIENT

INSTALLER

CREATE NEW

X

NAME*

USE CATEGORY*

COUNTRY*

PROVINCE*

CITY*

CAP

ADDRESS

To be indicated for the creation of reports

N° PRATICA VVF

SAVE

CREATE NEW

PROJECT NAME: Ospedale Vimercate
CLIENT: Otosonica srl
PLACE: Vimercate
SEALS: 123/123

STATUS: CLOSED



PROJECT NAME: Fondazione Prada
CLIENT: Tonoimpianti srl
PLACE: Milano
SEALS: 47/123

STATUS: OPENED



PROJECT NAME: Samsung Milano
CLIENT: Bouygues e&s intec italia spa
PLACE: Milano
SEALS: 47/123

STATUS: OPENED



Datamanagement

FILTER BY

SORT BY



PROJECT NAME: Ospedale
CLIENT: Otononica srl
PLACE: Vimercate
SEALS: 123/123

STATUS: **CLOSED**



PROJECT NAME: Bosco V
CLIENT: Bouygues e&s
PLACE: Milano
SEALS: 100/250

STATUS: **OPENED**



PROJECT NAME: Torre All
CLIENT: Allianz s.p.a.
PLACE: Milano
SEALS: 170/170

STATUS: **CLOSED**



PROJECT NAME: Torre All
CLIENT: Allianz s.p.a.
PLACE: Milano
SEALS: 170/170

STATUS: **CLOSED**



PROJECT NAME: Torre Allianz
CLIENT: Allianz s.p.a.
PLACE: Milano
SEALS: 170/170



SITE

CLIENT

CREATE NEW



NAME*

To be indicated for the creation of reports

COUNTRY

PROVINCE

CITY

CAP

ADDRESS

SAVE

CREATE NEW

PROJECT NAME: Ospedale Vimercate
CLIENT: Otononica srl
PLACE: Vimercate
SEALS: 123/123

STATUS: **CLOSED**



PROJECT NAME: Fondazione Prada
CLIENT: Tonoimpianti srl
PLACE: Milano
SEALS: 47/123

STATUS: **OPENED**



PROJECT NAME: Samsung Millano
CLIENT: Bouygues e&s intec italia spa
PLACE: Milano
SEALS: 47/123

STATUS: **OPENED**



PROJECT NAME: Samsung Millano
CLIENT: Bouygues e&s intec italia spa
PLACE: Milano
SEALS: 47/123

STATUS: **OPENED**



PROJECT NAME: Samsung Millano
CLIENT: Bouygues e&s intec italia spa
PLACE: Milano
SEALS: 47/123



PROJECT NAME: Samsung Millano
CLIENT: Bouygues e&s intec italia spa
PLACE: Milano
SEALS: 47/123



Datamanagement

DATAMANAGEMENT > PROJECT 1

NEW FOLDER

NEW FLOOR

FOLDERS

BUILDING A

BUILDING B

BUILDING C

BUILDING D

FLOORS

NAME		NOTES		SEALS		STATUS		LAST UPDATED		ACTION
-1		XXXXX		72/72		Finished		25/03/2024		...
-2		XXXXX		33/43		In progress		10/02/2024		...

GO BACK



Datamanagement

DATAMANAGEMENT > PROJECT 1 >

FOLDERS

BUILDING A

BUILDING B

BUILDING C

FLOORS

NAME

↑↓

NO

-1

XX

-2

XX

CREATE NEW FLOOR ✕

NAME

NOTE

Floor plan(s)

Name file 1

[Crop](#)

[Delete](#)

Name file 2

[Crop](#)

[Delete](#)

ADD NEW

SAVE

NEW FOLDER

NEW FLOOR

LAST UPDATED ↑↓

ACTION

25/03/2024

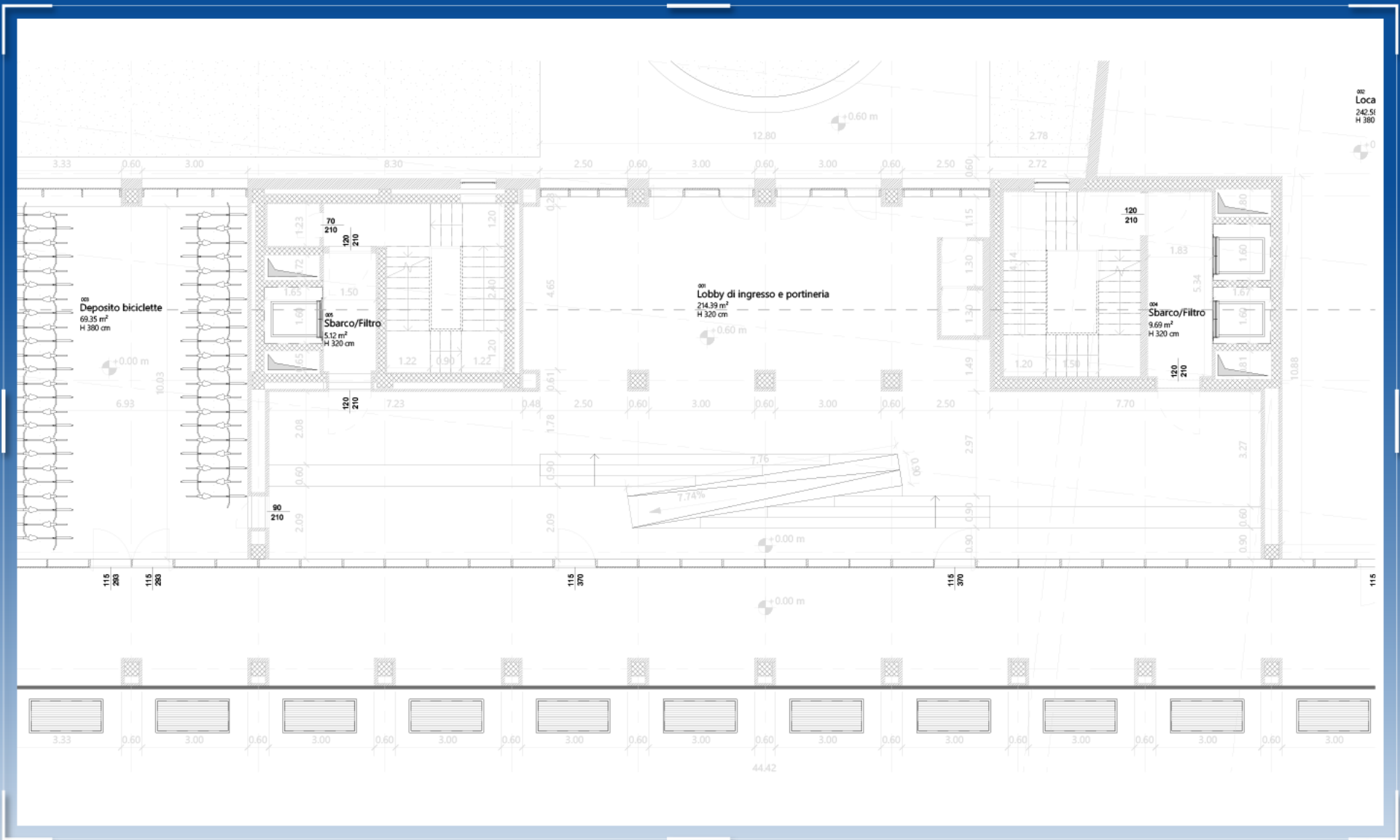
...

10/02/2024

...

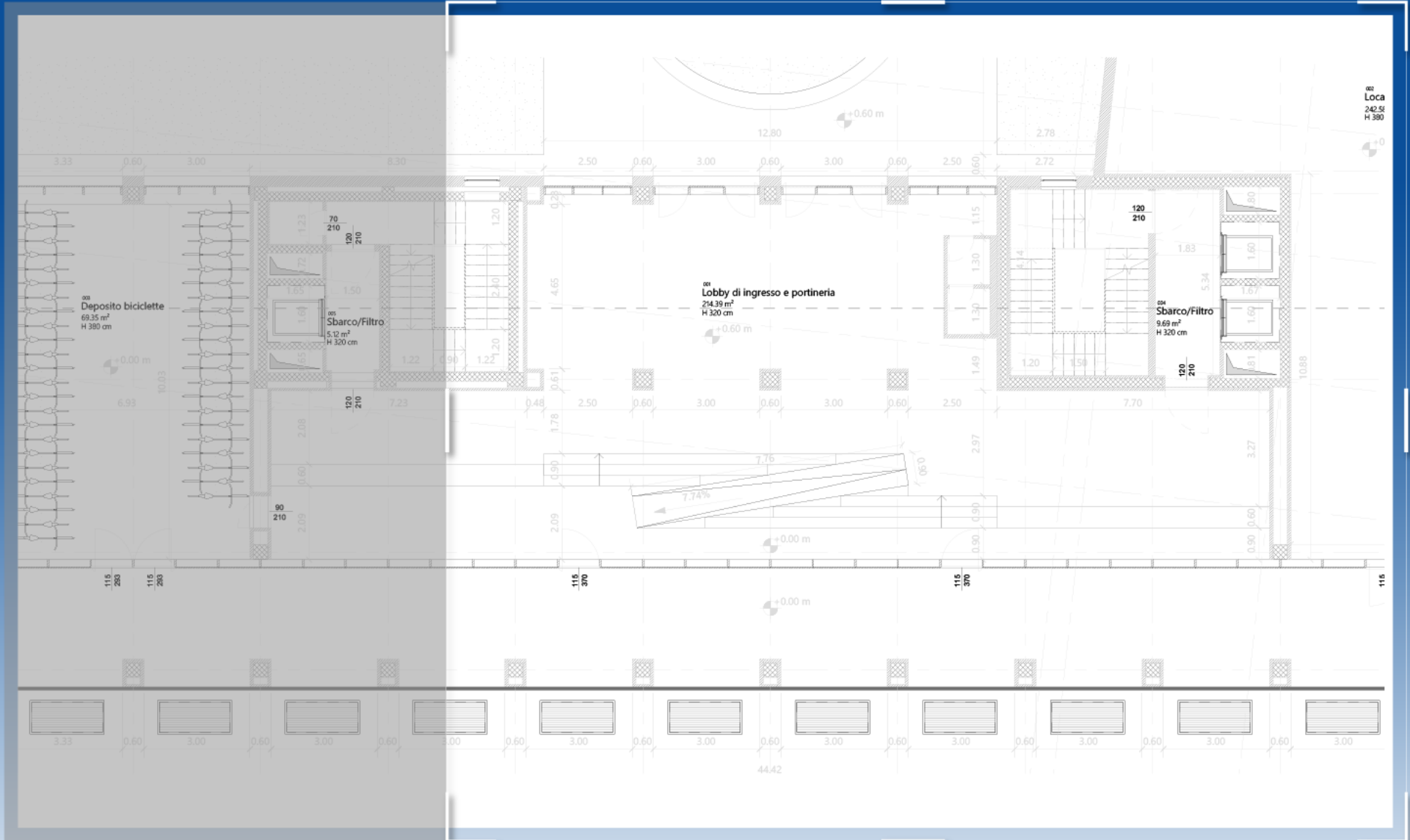
GO BACK





GO BACK

SAVE



GO BACK

SAVE

Datamanagement

DATAMANAGEMENT > PROJECT 1 > **Building B**

NEW FLOOR

FLOOR

NAME		SEALS		STATUS		LAST UPDATED		ACTION
+1		72/72		Finished		25/03/2024		...
+2		33/43		Approved		10/02/2024		...
+3		72/72		In progress		25/03/2024		...
+4		33/43		Finished		10/02/2024		...
+5		33/43		In progress		10/02/2024		...



GO BACK



Datamanagement

DATAMANAGEMENT > PROJECT 1 > Building B > +4

NEW SEAL

SEALS

NUMBER ↑↓	STATUS ↑↓	SUPPORT ↑↓	SERVICE(S)↑↓	PRODUCT(S)↑↓	PHOTO(S) ↑↓	CREATED BY↑↓	EDITED BY ↑↓	ACTION
01	Finished	Flexible wall	Combustible	AF Multicollar	2	Stefano 03/04/2024	Alessandro 25/08/2024	...
02	In progress	Flexible wall	Cable tray	AF Bags, AF Panel	-	Alessandro 25/08/2024	Stefano 03/04/2024	...
03	Approved	Rigid floor	Metal	AF Sleeve	1	Stefano 03/04/2024	Alessandro 25/08/2024	...
04	Finished	Sandwich wall	Combustible	AF Brick	3	Alessandro 25/08/2024	Stefano 03/04/2024	...
05	In progress	Flexible wall	Combustible	AF Multicollar	-	Stefano 03/04/2024	Alessandro 25/08/2024	...
06	Approved	Sandwich wall	Multilayer	AF Brick	5	Alessandro 25/08/2024	Stefano 03/04/2024	...



GO BACK



NEW SEAL



FLOOR NUMBER STATUS Guided Custom Extra

1

CONTEXT OF APPLICATION WHAT TO PROTECT SPECIFIC PENETRATION TYPES Notes

+ Add another service in the same opening

1.2

CONTEXT OF APPLICATION WHAT TO PROTECT SPECIFIC PENETRATION TYPES Notes

+ Add another service in the same opening

2



CONTEXT OF APPLICATION WHAT TO PROTECT SPECIFIC PENETRATION TYPES Notes

- + Add another service in the same opening
- + Add another service NOT in the same opening

LOCATE THE SEAL IN THE FLOOR PLAN

COMPLETED BY TIME TO SEAL

Photo(s) before

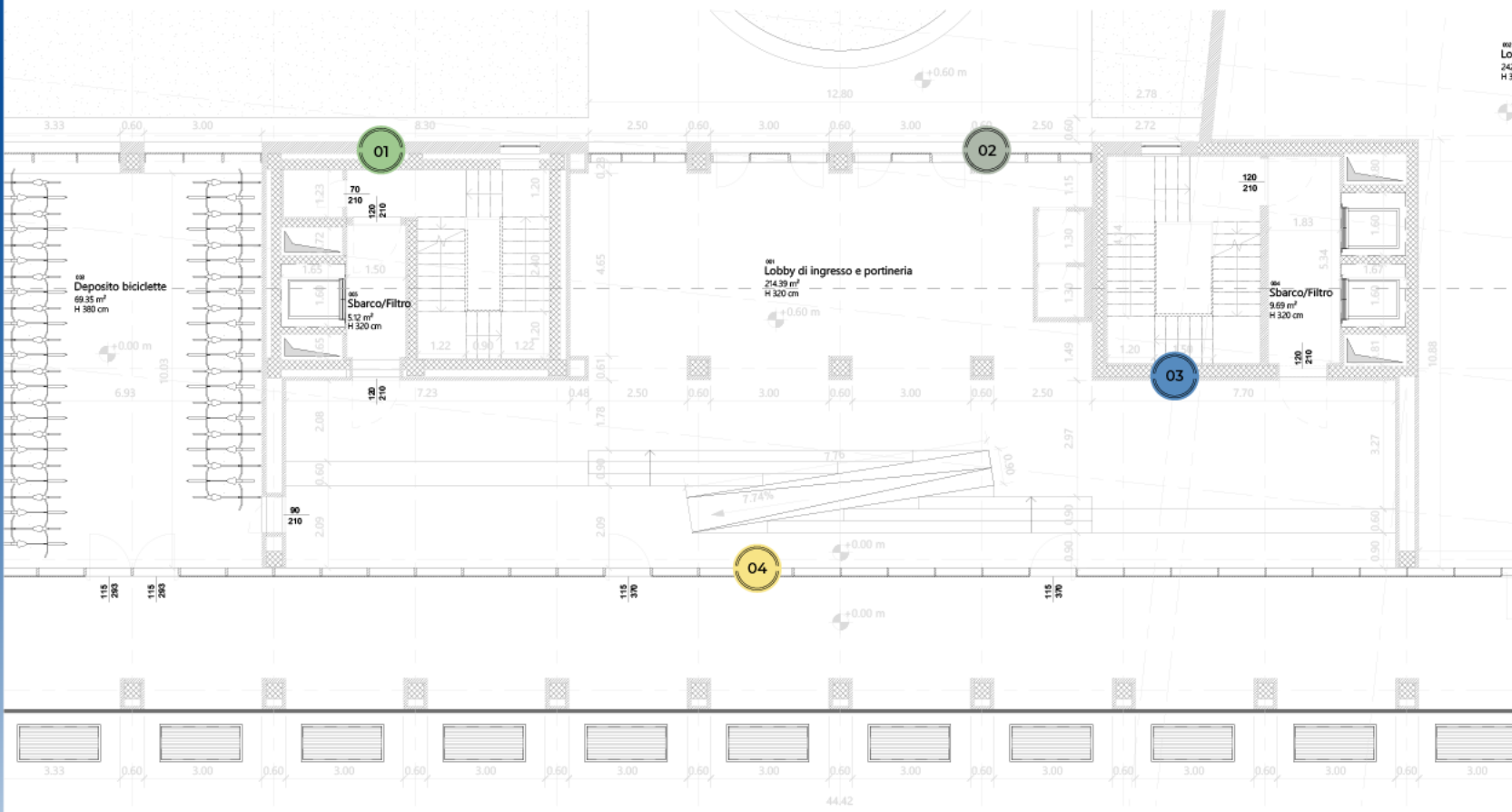
 

Photo(s) after

NOTES

LOCATE THE SEAL IN THE FLOOR PLAN



PLAN

- Plan 1**
- Plan 2
- Plan 3
- Plan 4

SEALS

N°05 - STATUS 1

Description

CONTEXT OF APPLICATION

Through penetration

SUPPORT SPECIFIC

Flexible wall

SPECIFIC PENETRATION TYPES

Cable tray

PRODUCT

AF Bags, AF Panel



GO BACK

SAVE

LOCATE THE SEAL IN THE FLOOR PLAN



PLAN

Plan 1

Plan 2

Plan 3

Plan 4

SEALS

N°05 - STATUS 1

Description

CONTEXT OF APPLICATION

Through penetration

SUPPORT SPECIFIC

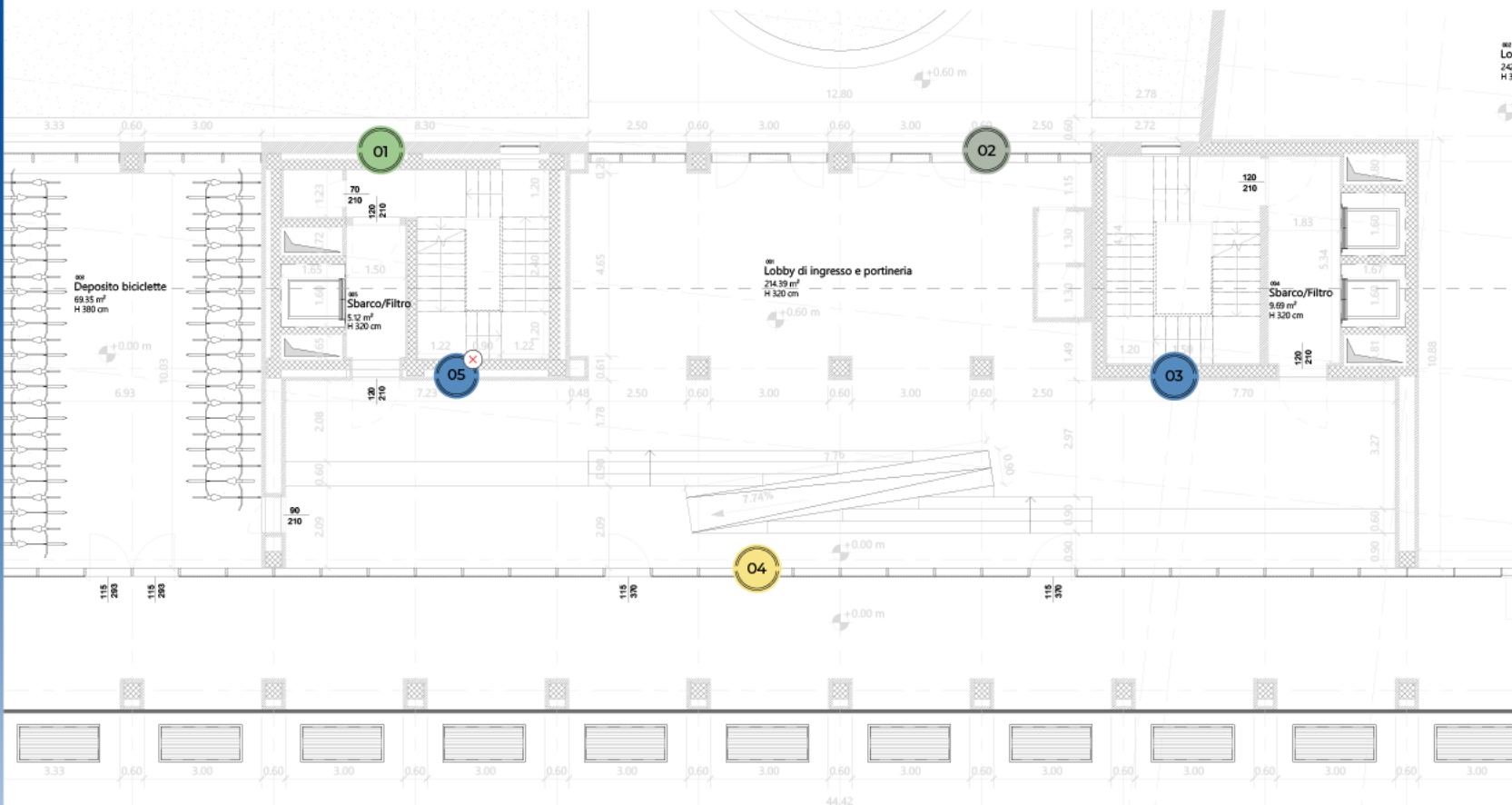
Flexible wall

SPECIFIC PENETRATION TYPES

Cable tray

PRODUCT

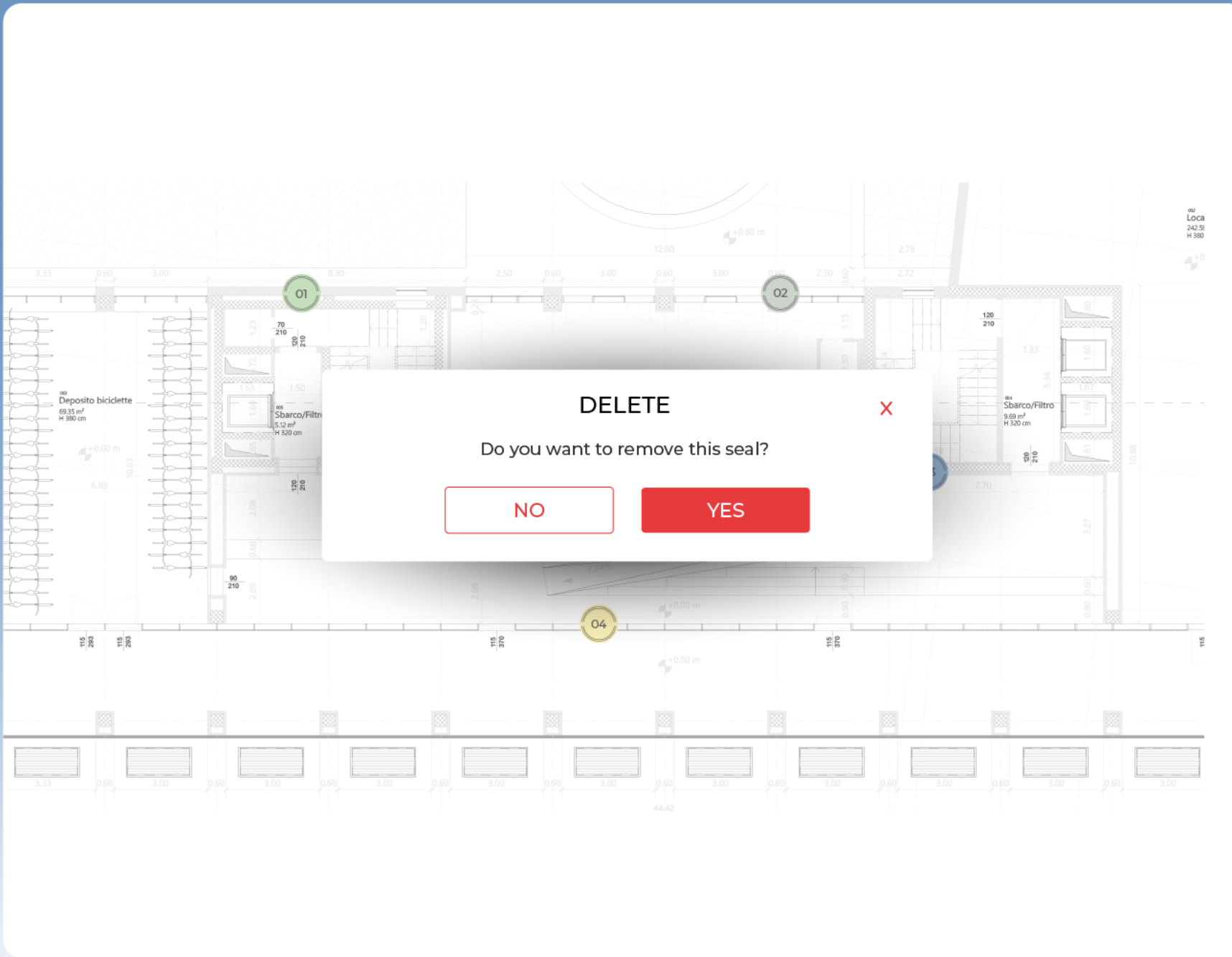
AF Bags, AF Panel



GO BACK

SAVE

LOCATE THE SEAL IN THE FLOOR PLAN



PLAN

Plan 1

Plan 2

Plan 3

Plan 4

SEALS

N°05 - STATUS 1

Description

CONTEXT OF APPLICATION

Through penetration

SUPPORT SPECIFIC

Flexible wall

SPECIFIC PENETRATION TYPES

Cable tray

PRODUCT

AF Bags, AF Panel



GO BACK

SAVE

NEW USER



Within the organization Outside the organization

PROJECT

- Create Project Share Project
- Edit Project Edit Status
- Delete Project Edit Preferences

FOLDER

- Create Folder Edit Folder
- Delete Folder

FLOOR

- Create Floor Edit Floor
- Delete Floor

SEAL

- Add New Seal Edit Seal
- Delete Seal

REPORT

- Create Report Create Dich Posa
(seals list + floor plans)

SAVE



GO BACK



Datamanagement

REPORT POINT

ITALIAN
DECLARATION

EXCEL

FILES

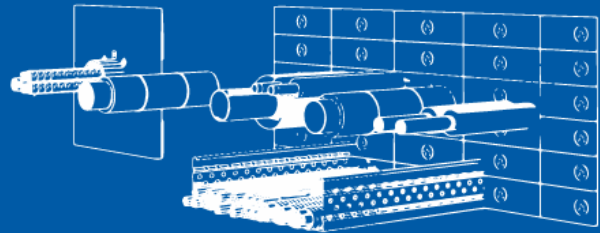
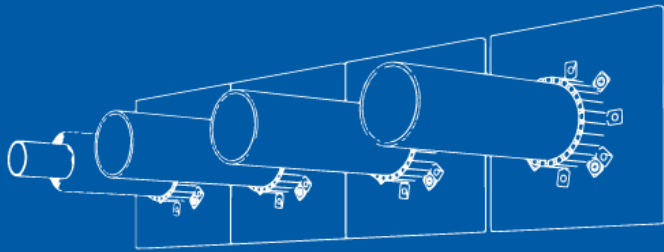
NAME	↑↓	CREATE BY	↑↓	REPORT TYPE	↑↓	DATE	↑↓	ACTION
XXX		XXX		XXX		25/03/2024		...
XXX		XXX		XXX		10/02/2024		...
XXX		XXX		XXX		25/03/2024		...
XXX		XXX		XXX		10/02/2024		...
XXX		XXX		XXX		10/02/2024		...



GO BACK



SITE MANEGER REPORT



PROJECT NAME

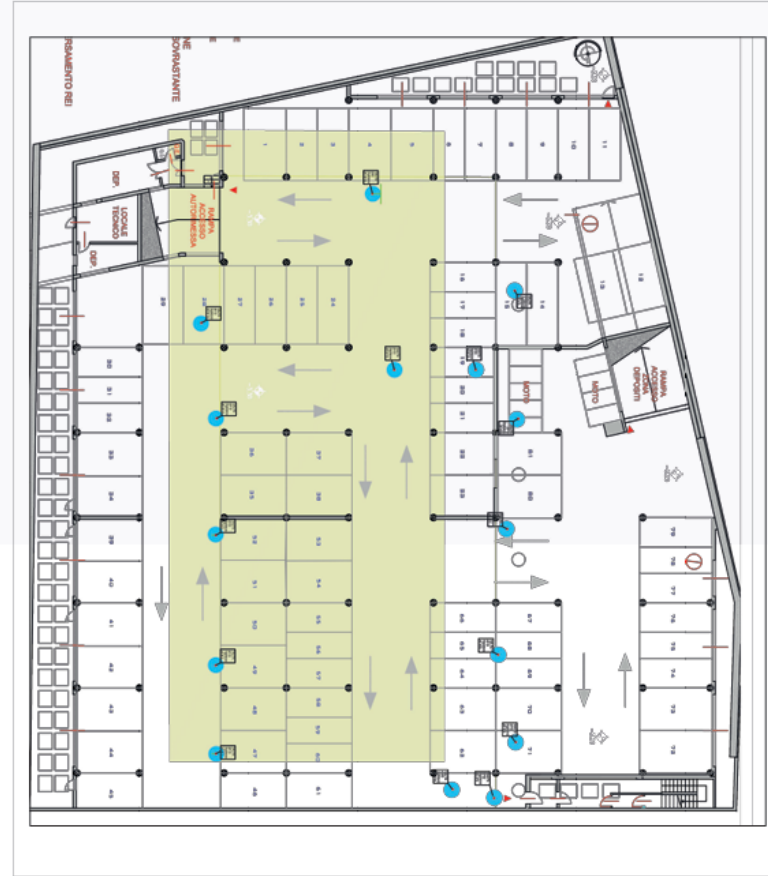
CLIENT NAME

DATA

FLOOR PLANS

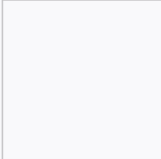
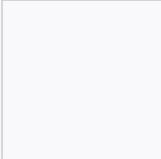
FLOOR PLAN 01


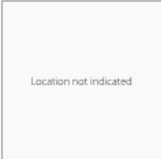
Status 1
 Status 2
 Status 3
 Status 4


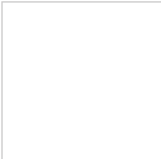


SEALS

SEALS FLOOR 01

SEAL: 01		STATUS: finished	DATA: 29/03/2024
		PRODUCT(S) USED AF Multicollar AF Panel AF Seal W	CERTIFICATION(S) IG 392880-4212FR IG 397030-4253FR ETA 16-0771
CATEGORY Pass through services	SUPPORT TYPE Flexible wall	PENETRATION TYPE Combustible pipe	

SEAL: 02		STATUS: approved	DATA: 14/03/2024
		PRODUCT(S) USED AF Bags AF Panel AF Seal W	CERTIFICATION(S) IG 392880-4212FR
CATEGORY Pass through services	SUPPORT TYPE Rigid floor	PENETRATION TYPE Cable tray	

SEAL: 03		STATUS: finished	DATA: 29/03/2024
		PRODUCT(S) USED AF Multicollar AF Sleeve AF Bags AF Panel AF Seal W	CERTIFICATION(S) IG 392880-4212FR IG 397030-4253FR ETA 16-0771
CATEGORY Pass through services	SUPPORT TYPE Sandwich wall	PENETRATION TYPE Combustible pipe Insulated metal pipe Cable tray	

**GRAZIE
PER
L'ATTENZIONE**

Arch. Marco L'Erede
m.lerede@af-systems.com

