



Graphic Design : Guillaume SUETY - 06 79 22 61 18 - suetos.com - Non contractual pictures and drawings



CLEAN ROOM SOLUTIONS
PARTITIONS, CEILINGS, JOINERIES, ACCESSORIES



La Région
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PLASTEUIROP AND ULTRA-CLEAN BUSINESS



In 1992, Plasteurop innovated by marketing the first ultra-clean partition systems line named the SB line.

Ultra-clean rooms with a controlled environment are mainly made of:

- A leak tight SB partitioning system (walls and ceilings sandwich panels / doors / glazed frames).
- SB systems specially designed to fit all types of ultra-clean flooring.
- SB partitions and SB or SBM ceilings developed to adapt to all air handling units.



The materials and facing finish choices are determined using 3 criteria:

1. Project phases specific to each business:

- Fine dust removal: soil and waste cleaning, neutralisation of larger particles
- Decontamination: elimination and contamination control
- Disinfection: neutralisation of unwanted micro-organisms

2. Clean room classifications are regulated by two international standards:

- ISO 14644: general aspects.
- ISO 14698: specific bio-decontamination aspects.

FS 209 E		ISO	SB05	SB PRIMA
CLASSIC	SI			
	M1	ISO 1 / ISO 2		
1	M1,5 / M2	ISO 3		
10	M2,5 / M3	ISO 4		
100	M3,5 / M4	ISO 5		
1000	M4,5 / M5	ISO 6		
10000	M5,5 / M6	ISO 7		
100000	M6,5 / M7	ISO 8		
		ISO 9		

GMP/BPF		BSL	
A		BSL4	
B		BSL3	
C		BSL2	
D		BSL1	

3. The panels fire performance are determined by the Euroclass EN13501-1:

EUROCLASS CLASSIFICATION AS PER THE EN13501-1 STANDARD			FRENCH REGULATORY REQUIREMENTS
Fire performance	Smoke development	Droplets	
A1	-	-	Non flammable
A2	s1	d0	M0
A2	s1	d1	
A2	s2	d0	
A2	s3	d1	
B	s1	d0	M1
B	s2	d1	
B	s3	d1	

Life sciences: pharmaceutical, bio-technical industries, fine chemicals industry, medical systems, hospitals, etc.



Cosmetics: laboratories, production units



Nano and micro electronics: laboratories, production units

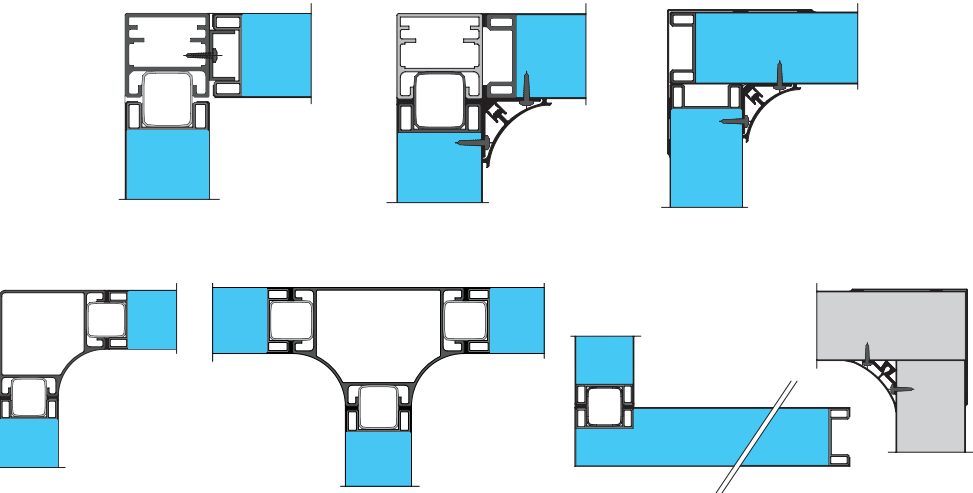


Other industries: space, aviation, clock-making, micro-mechanics, automotive, glass works, packaging, agri-food, etc.

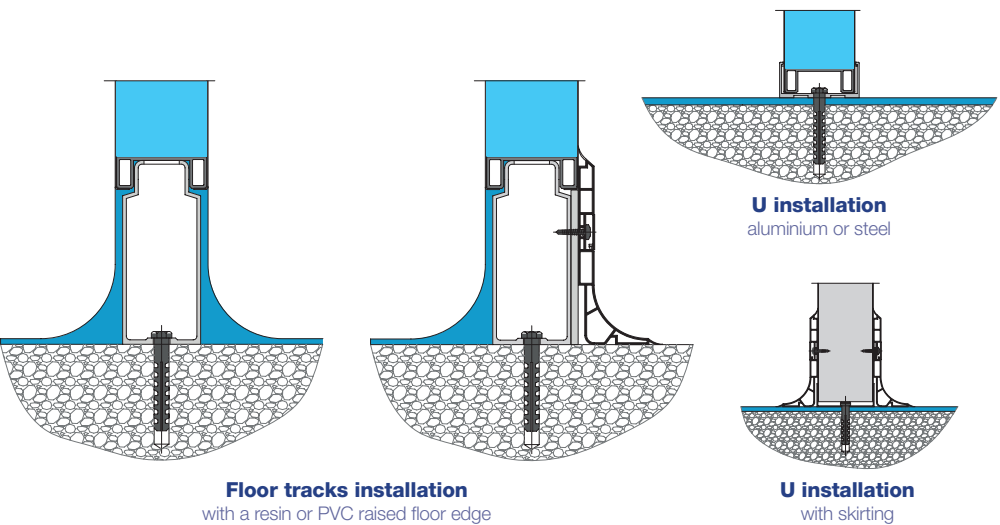


SB WALL ANGLES

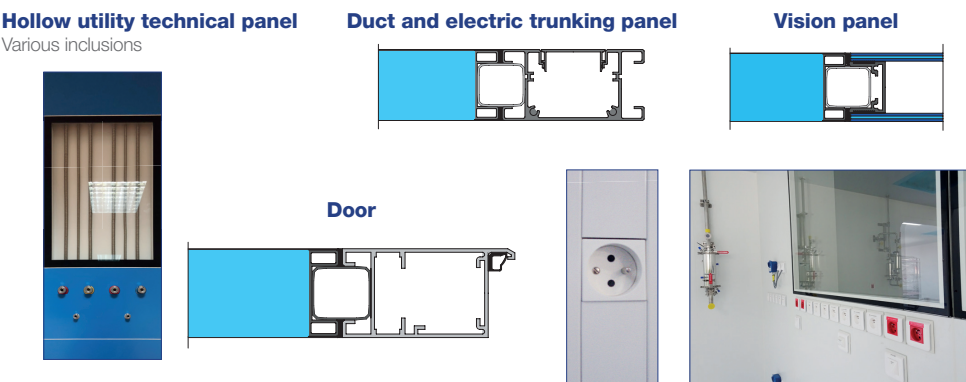
SB05 Double-flush system
SB Prima semi-flush system



SB AND SB PRIMA WALL-FLOOR CONNECTIONS



SB SYSTEM

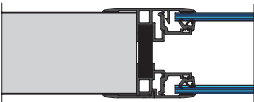


SB PRIMA SYSTEM

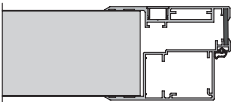
SB05 Double-flush system

SB Prima semi-flush system

Glazed frame



Door



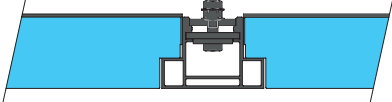
Air return panel



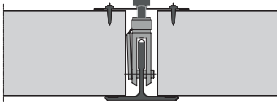
CEILINGS



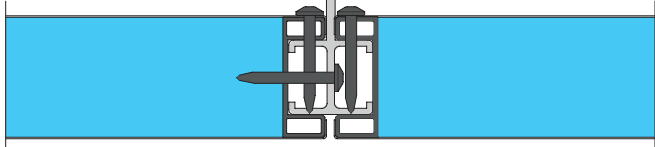
SBM ceiling



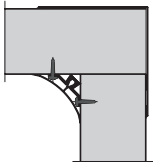
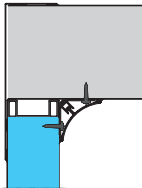
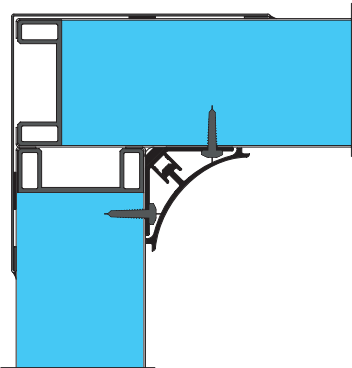
SB PRIMA ceiling



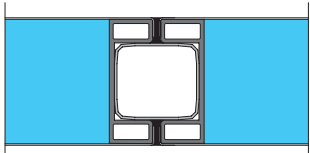
SB05 ceiling



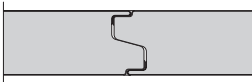
WALL-CEILING CONNECTIONS



PANEL / PANEL CONNECTIONS



SB system
Female / Female + Key



SB PRIMA system
Male / Female