







**CLEANROOM & LAB FURNITURE PRESENTATION** 





## ABOUT OUR COMPANY

Kemmlit Ireland are experts in the design, manufacture & delivery of cleanroom furniture and laboratory furniture. As part of Kemmlit GmbH, our Irish headquarters takes care of Projects (outside of Germany / Switzerland & Austria), In Ireland, the UK, Nordics , Europe, USA, Canada & Global projects.



Kemmlit GmBH was founded in 1967.



Kemmlit Ireland was founded in 2021.



"With 27 years' experience in Pharma and Biopharma projects – You can be sure that we are with you every step of the way. With our manufacturing facility in Kemmlit Germany as well as our team in Ireland, we have the capability and capacity for projects of any scale Globally."

Gerard Kirwan, Managing Director







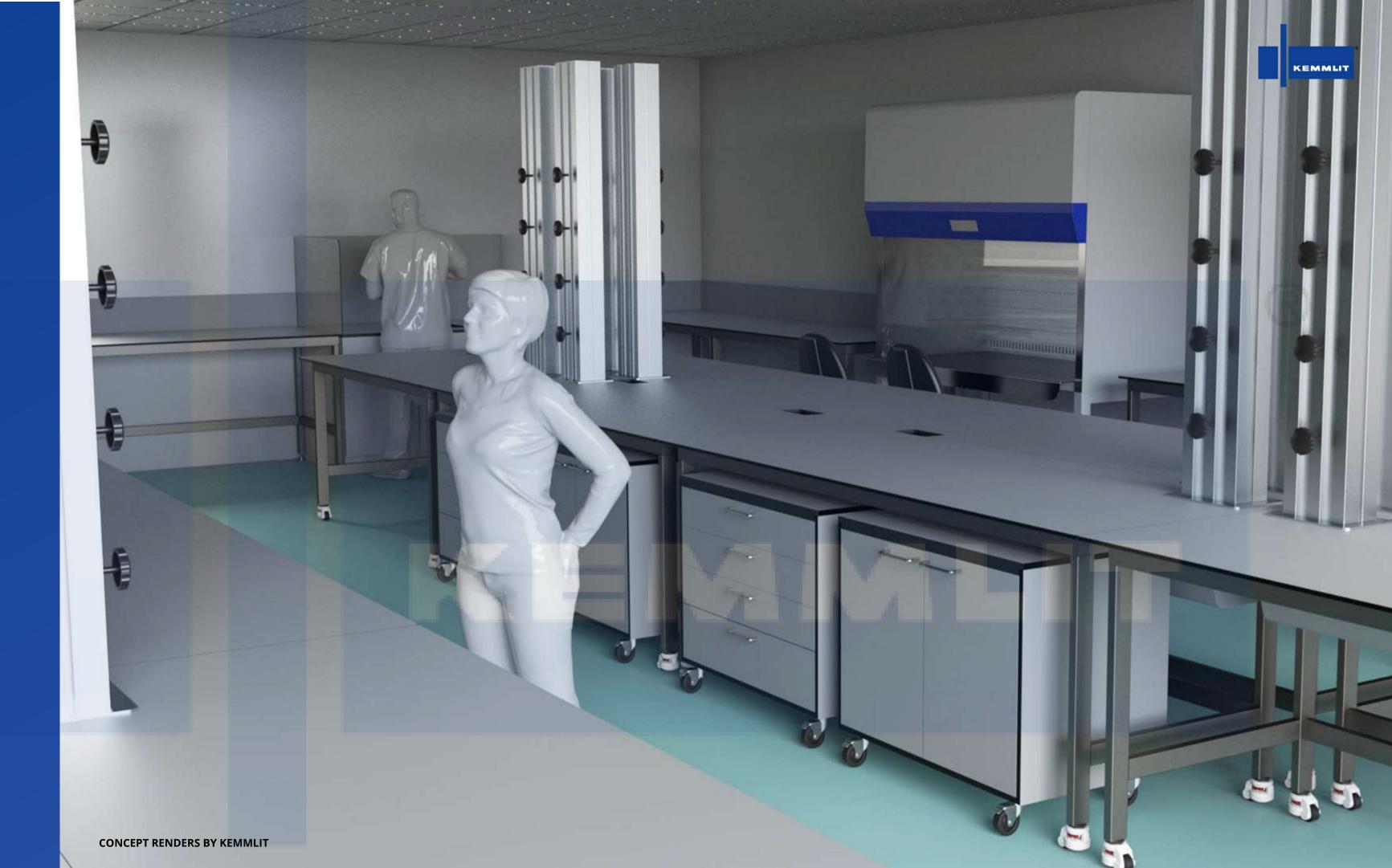
LABORATORY - CONCEPTS
FOR REVIEW

















CONCEPT RENDERS BY KEMMLIT











CLEANROOM & LAB FURNITURE - CONCEPTS FOR REVIEW













### Full 3D Design

What you see is what you get.

#### BIM Integration

Designs fully compatible with Revit and other BIM Solutions

















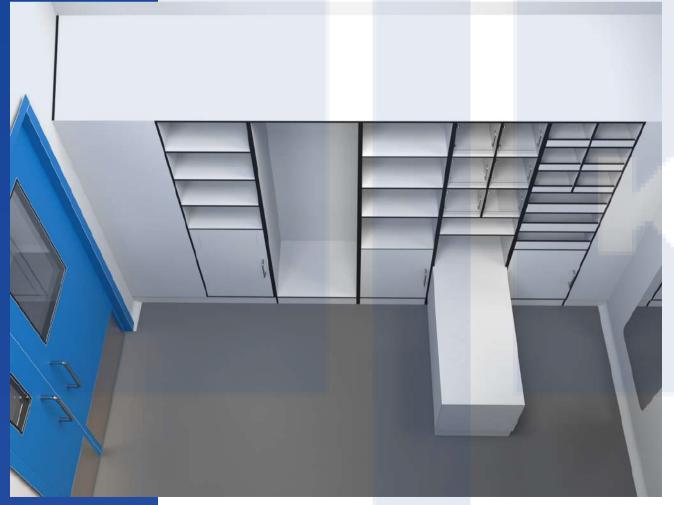






























# LABORATORY









## LABORATORY













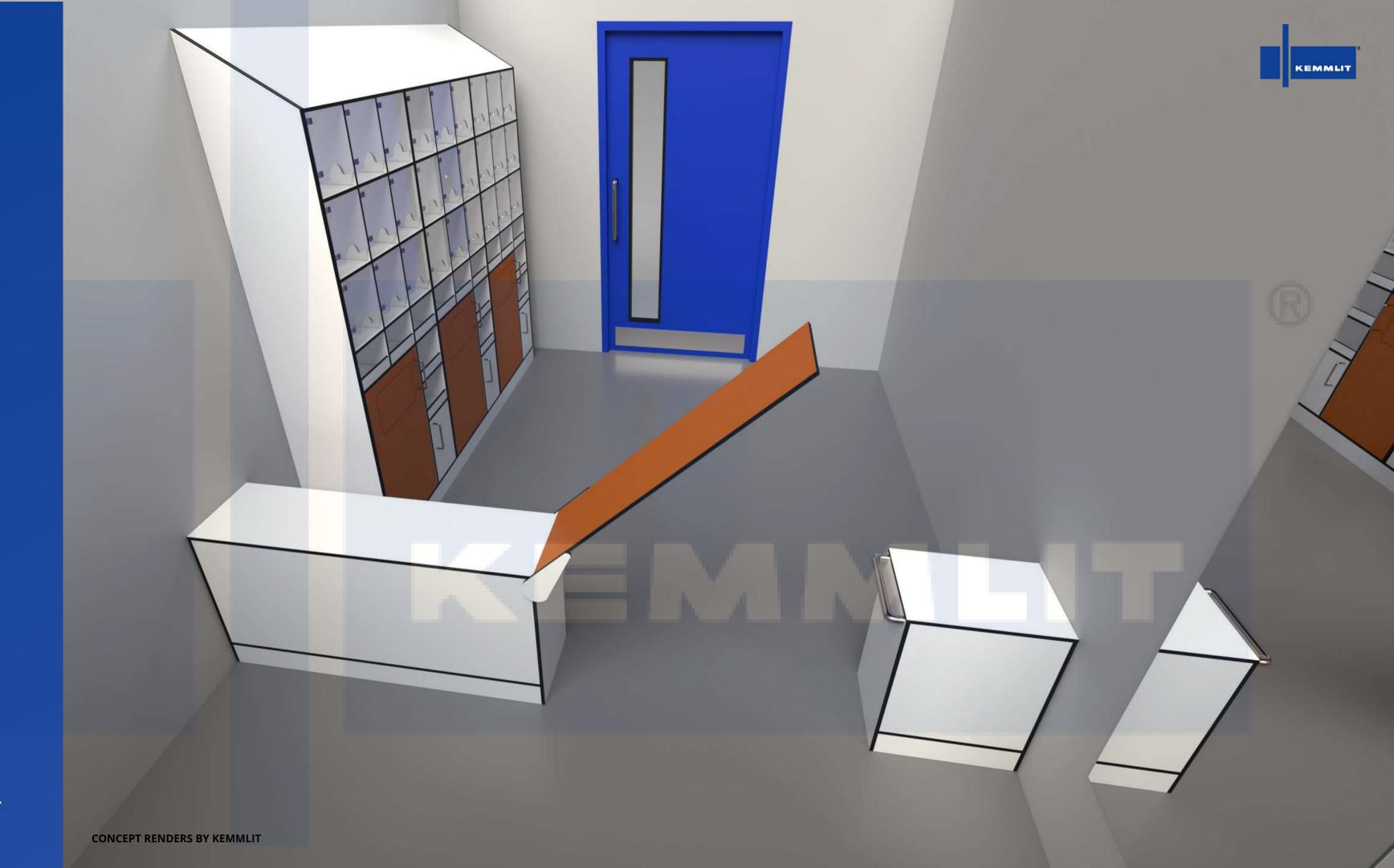
# GOWNING FURNITURE - CONCEPTS FOR REVIEW









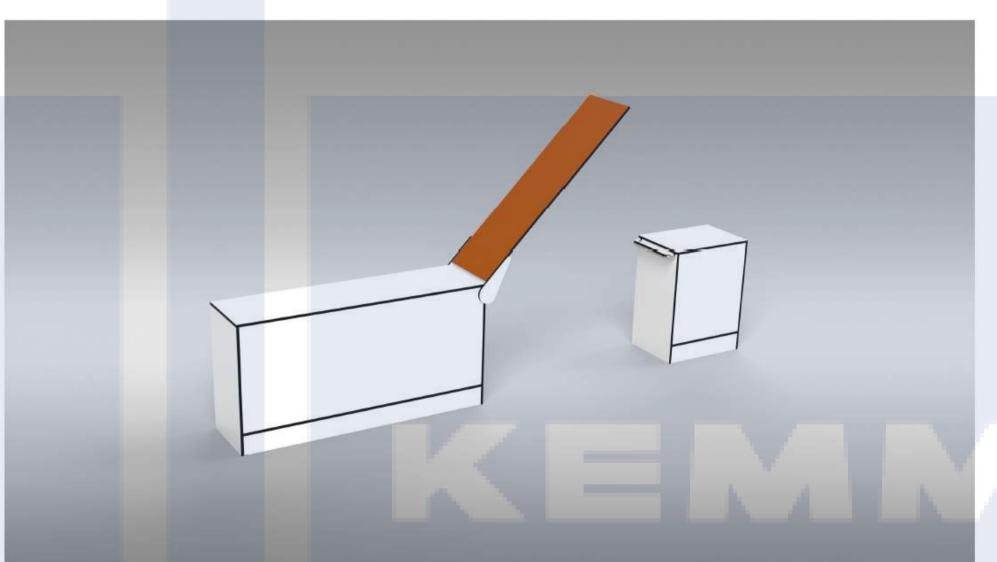






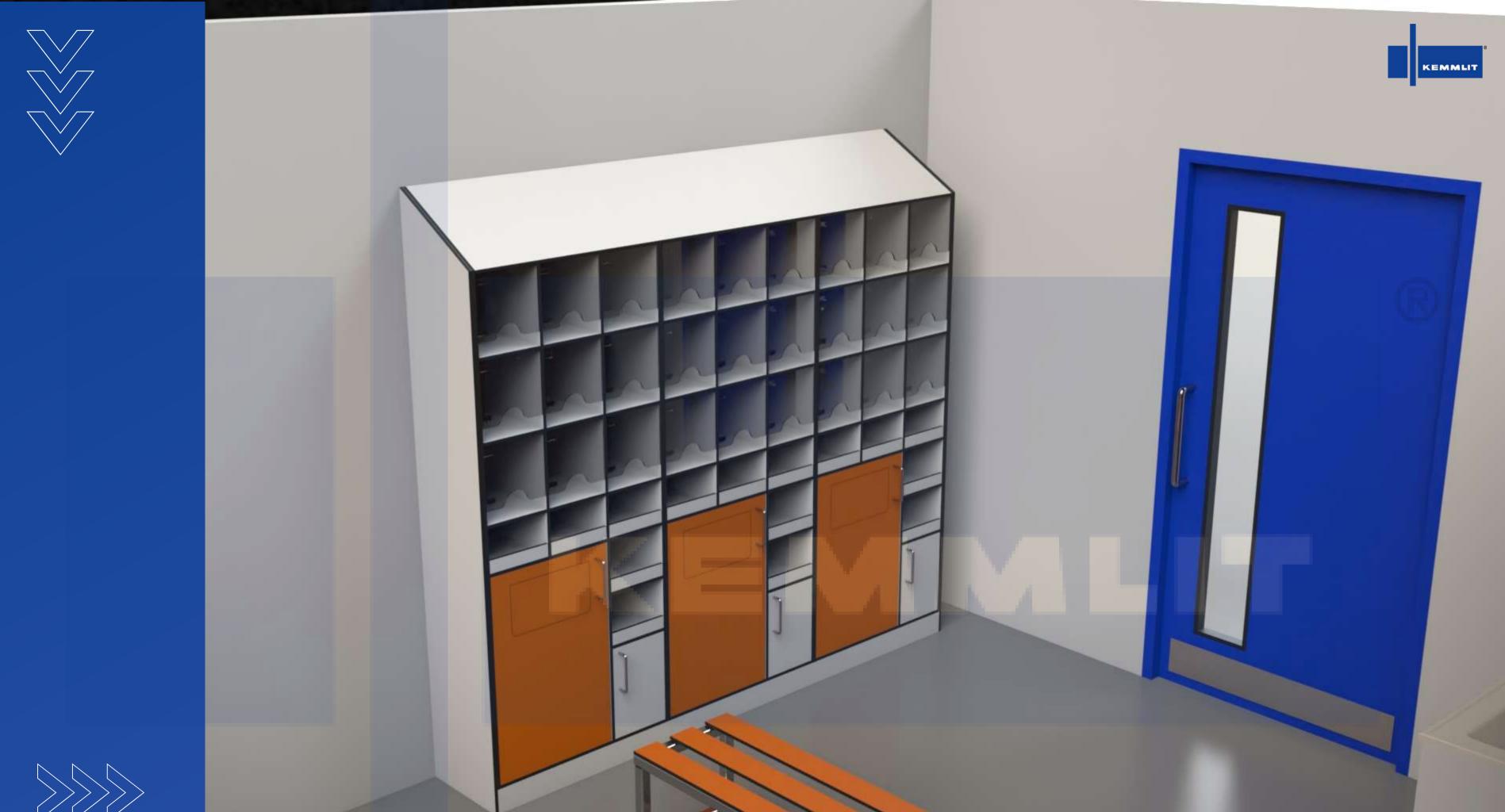


## **SPECIFICATIONS:**



- Folding sitover bench
- Finish: Body made of 13mm HPL with black core, on height adjustable feet with plinth.
- Panel set back 13mm. Rotation damped sitover flap with a light core made of styrofoam. Soft closing mechanism. Flap rests on stainless steel bracket when not in use.
- Max load: 150kg





CONCEPT RENDERS BY KEMMLIT









# TYPICAL SPECIFICATIONS & DATASHEET PROVIDED FOR ALL PRODUCTS FOR REVIEW



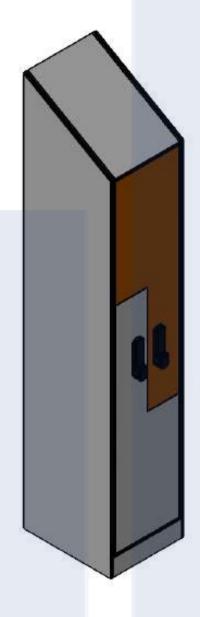






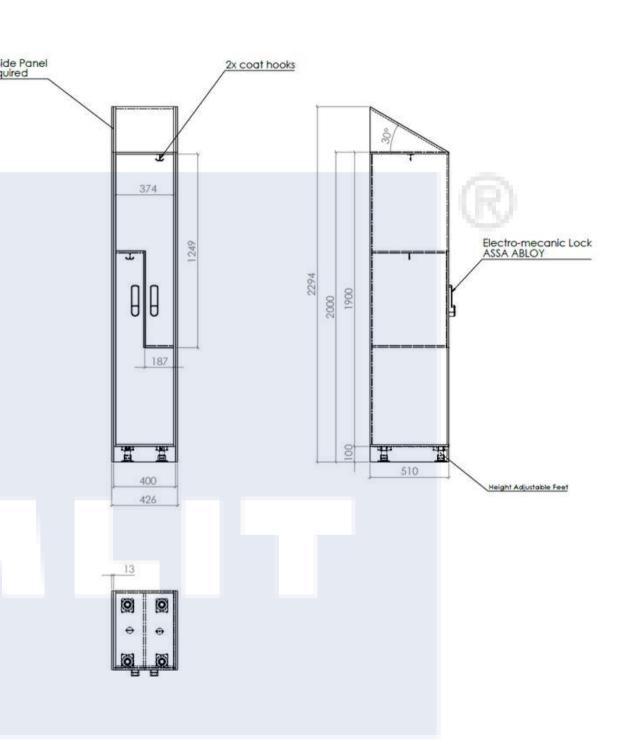






### **SPECIFICATIONS:**

- Finish:
- Body made of 13mm HPL with black core with double back panel for suction perforated.
- Each carcass has 2 hinged doors with number engraving.
- Electric locks for personalized use. (four-digit numerical code individually adjustable) matching 2 service keys. Inside each compartment a removable hanger made of stainless steel.
- Option: Mounted on Uni-Strut or leveling feet
- Colors: As per Client Requirements
- Body: Trespa Toplab Base E0-00 White
- Doors: Orange
- Base: Trespa Toplab Base E0-00 White







### **DATASHEETS**



Electro-mechanical Lock

ASSA ABLOY PIN



ASSA ABLOY PIN is a stand-alone battery driven code locker lock. The lock is designed for usage in dry areas, but can be used in wet area applications together with a rubber gasket.

The lock can be retrofitted by utilising the existing hole footprint/fixings with just an extra hole for the upper screw. The lock can be mounted in both vertical and horizontal

The lock is available in 2 barrel lengths.

- For assembly on doors with 1-15 mm door thickness.
- For assembly on doors with 15-23 mm door thickness.

The lock has sound and light feedback to improve user

The lock has 3 code levels

- User Code (4 digits)
- Janitor / Staff Code (6 digits)
- Master Code (8 digits)

The lock has a USB connection to be able to supply the lock with emergency power for access in case of depleted

Suitable for use with ASSA ABLOY standard cams. (see separate data sheets)

Built in torque-overload protected clutch function in handle

The lock works in 2 different modes. These are:

The locked is open with the same pre-programmed codes

2. Public Mode

The lock can be locked with any one time code. Once unlocked the lock is free for input of new user code.

Quick setup is available for easy deployment into any of the

above 2 modes.

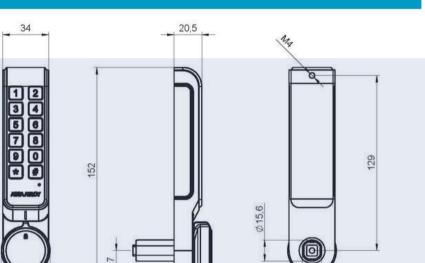
Additional functionality can be easily added/deleted using standard programming.

The lock comes with variable time opening, meaning the lock automatically unlocks after a pre-set period of time.

The lock comes with a time-delay function, which is activated when the wrong code is entered repeatedly.

#### Electro-mechanical Lock ASSA ABLOY PIN

ASSA ABLOY PIN



#### Technical Data

- Batteries: 3 AAA
   Number of openings before battery change: 25 000
- Maximum number of user codes: 10 USB-port: Micro Type B with external power source.

Ап	ticle numbers Locks	
PIN Vertikal-Short	493310 000000	
PIN Vertikal-Long	493311 000000	
PIN RH-Short	493320 000000	
PIN RH-Long	493321 000000	
PIN LH-Short	493330 000000	
PIN LH-Long	493331 000000	
Artic	le numbers accesories	
Rubber Gasket	493390 000000	

ASSA ABLOY Opening Solutions Sweden P.O. Box 371 SE-631 05 Eskilstuna

Phone +46 (0)16 17 70 00

Fax +46 (0)16 17 70 49

Customer support: Phone intl. +46 (0)16 17 71 00 Phone nat. 0771-640 640 Fax +46 (0)16 17 73 72

e-mail: helpdesk.se.openingsolutions@assaabloy.com www.assaabloyopeningsolutions.se



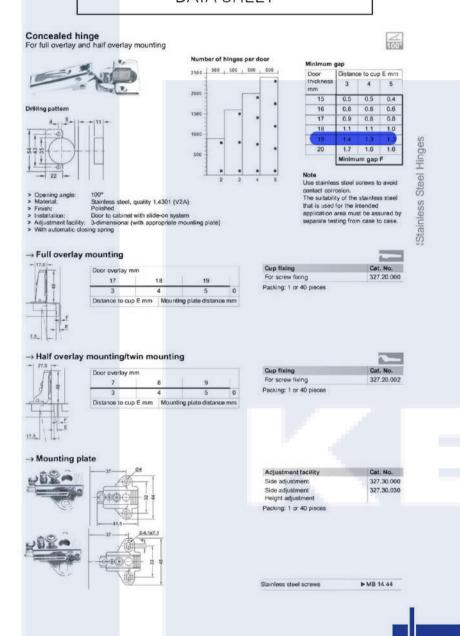


### **DATASHEETS**



#### **MATERIAL & PRODUCT**

DATA SHEET



#### **MATERIAL & PRODUCT**

DATA SHEET

#### **REDECOL Height Adjustable legs**

		Variant: Screw-on type with overlay	Variant: Screw-on type without overlay	Variant: Press-in type with overlay	Variant: Press-in type without overlay
Height	Adjustment range	Part number	Part number	Part number	Part number
50 mm	-5/+20 mm	321.3010	321.3030	321.3000	321.3020
75 mm	-6/+18 mm	321.3011	321.3031	321.3001	321.3021
100 mm	-10/+18 mm	321.3012	321.3032	321.3002	321.3022
128 mm	-10/+18 mm	321.3016	321.3036	321,3006	321.3026
130 mm	-10/+18 mm	321.3013	321.3033	321.3003	321.3023
150 mm	-10/+18 mm	321.3014	321.3034	321.3004	3213024
180 mm	-10/+18 mm	321.3015	321.3035	321.3005	321.3025

#### ■ REDOCOL height-adjustable legs



- Robust plastic
- Secure hold in stand and when shifting
- Great adjustment range
   Large standing surface:
   Ø 77 mm
- Load-bearing capacity 500 kg / piece

For the assembly, a unit consists of a fixing block and a foot. Please order the foot separately.

Content per unit: 50 piece(s) | Material: Plastic

Height	Adjustment range	Part number	
50 mm	-5/+20 mm	32L1010	
75 mm	-6/+18 mm	321.1011	
100 mm	-10/+18 mm	32L1012	
120 mm	-10/+18 mm	321.1016	
130 mm	-10/+18 mm	32L1013	
160 mm	-10/+18 mm	32L1014	
180 mm	-10/+18 mm	321.1015	

KEMMLIT





### **DATASHEETS**



#### **Naterial Property Datasheet**

TRESPA® TOPLAB®BASE

The contribine high-pressure compact laminates according to EN 458-4:2005 of thicknesses of 6 mm (± 1/4 in) or greater for interior use. Sheets consisting of layers of wood-based fibres (paper and/or wood) impregnated with thermosetting resins and surface layers) on one or both sides, having decorative colours or designs. The surface layers are impregnated with melanine based resins. These components are bonded sightly with simultaneous application of fixed (± 150° C / ± 302° F) and high specific pressure (> 7 MPa) to obtain a homogeneous non-porous material with increased density and integral decorative surface, bey are available in the Standard grade (CGS) and in the TimeRetardorn grade (CGS).

Properties	Test method	Property or attribute	Unit	Result A 1		
	100/100/00	,,		Grade: CG5 (Toplab FR		
				Grade: CG5 (Toplab (17)) Standard: EN 438-4 Colour/Decor: All III	Standard: 438-4	
				Colour/Decort All II	Colour	
surface anality						
officers country			mm <sup>2</sup> /m <sup>2</sup>		±1	
5 72		Spots, dirt, similar surface defects	in <sup>2</sup> /9 <sup>2</sup>		s 0,0001	
Surface quality EN 438-2 : 4	EN 438-214	Fibres, hairs & scratches	mm/m²	s 10		
		Fibres, hairs & scratches	in/h²		≤ 0.036	
International Scheroposes			10.00		0.0 1.0 40	
				6.0 s t < 9.0: +/- 0.40 9.0 s t < 12.0: +/- 0.50		
			mm		< 16.0; +/- 0.60	
			mm		< 20.0: +/- 0.70	
	EN 438-2:5	Thickness		20.0 s1 s 25.0: +/-0.80 0.2362 s1 < 0.3150 : +/-0.0157 0.3150 s1 < 0.4724 : +/-0.0197 0.4724 s1 < 0.6290 : +/-0.0236 0.6299 s1 < 0.7974 : +/-0.0275		
			in			
Dimensional tolerances				0.7874 s1 s	0.9842:+/- 0.0315	
	EN 438-2 : 9	Flatness	mm/m	*2		
			in/h		≤ 0,024	
	EN 438-2 : 6	Length & width	mm		+5/-0	
		2014112211221	in	+5	0.1968 / - 0	
	EN 438-2:7	Straightness of edges	nn/n	*1		
	200000000000000000000000000000000000000	200202000000000000000000000000000000000	in/fi		± 0.012	
	Trespa Standard	Squareness	mm	2550 x 1860 = max. difference between diagonals (xy)		
			3000	3050 x 1530 = max. difference between diagonals (x-)		
			in		ence between diagonals (xy) = 0.157	
			(M.)	120.08 x 60.24 = max. differ	ence between diagonals (x-y) = 0.157	
Physical properties	SCHOOLS SHOW	I NAV	Initial point		≥ 150	
Resistance to surface wear	EN 438-2:10	Wear resistance - Revolutions (min)	Wear value		a 350	
Resistance to impact		Indentation diameter - 6 s t mm	Went some			
by large diameter ball	EN 438-2:21	with drop height 1.8m	mm	± 10		
Resistance to scratching	EN 438-2 : 25	Force	Rating (min)	> 3		
Resistance to dry heat (160°C/320°F)	EN 438-2:16	Appearance	Roting (min)	*4		
Resistance to wel heat (100°C/212°F)	EN 12721	Appearance	Rating (min)	2 A		
Resignation to we near [100 C/212 F]	EN 12/21	Mass increase (% max)	1 ≥ 6 mm		41	
Resistance to immersion in boiling water EN 438-2:12		Thickness increase (% max)	1 2 6 mm		3]	
		Appearance	Rating (min)		*4	
		Афреситсе	Longitudinal %	±.4 ±0.30		
Dimensional stability at elevated temperature	EN 438-2:17	Cumulative dimensional change	Transversal %			
empestiture				± 0.60		
Resistance to staining.	EN 438-2:26	Appearance - Rating (min)	Group 1 & 2	5		
	FN 4000 D7		Group 3	4		
Light fastness (xenon arc)	EN 4382:27	Contrast (Wool scale)	ASTM G53-91 (314-400mm)	*6		
Resistance to water vapour	EN 438-2:14	Appearance	Rating (min)	± A		
Resistance to cigarette burns	EN 438-2:30	Appearance	Rating (min)	±3		
Resistance to crazing	EN 438-2 : 24	Appearance	Grade (min)	ž 4		
Modulus of elasticity	EN ISO 178	Stress	MPa	≥9000		
Flexural strength	EN ISO 178	Stross	MPa	≥ 100		
Tensile strength	EN ISO 527-2	Stress	MPa	≥ 70		
Density	EN ISO 1183	Density	g/cm <sup>3</sup>	≥1.35		
				6 mm : ≥ 2000		
Resistance to fixings	ISO 13894-1 Pull out strength		N	8 mm : ≥ 3000		
The state of the s				≥10	mm : ≥ 4000	
In performance						
Europe		Charles to A control	Constant		B-s2, d0	
2000 E C 20	PN 16 PA 1	Classification ( a 6 mm / 0.2362 in	Euroclass	B 6 10		
Reaction to Fire	EN 13501-1	Classification ( a 8 mm / 0.3150 in	Euroclass	D-s2, d0	B-s1, d0	
to at the state		(Metal Frame)				
North America		et in a	A	0		
	200100000000000000000000000000000000000	Classification	Class	8	A	
Material Surface Burning Characteristics [5]	ASTM E84/UL 723	Flame Spread Index	FSI	26-75	0-25	
		Smoke Developed Index	SDI	0-450	0-450	

Please visit www.trespa.info for the nost up to date version of this document.





#### **SEFA 3.0 LABORATORY WORK SURFACES TESTS**

Performed for: Trespa International B.V Wetering 20 6002 SM - Weert

The Netherlands

Item Tested: Trespa Athlon / colour : White E 0-00

Scientific Equipment & Furniture Association (SEFA)
Laboratory Work Surfaces Recommended Practices

Section 3.0 Laboratory Work Surfaces Tests

#### Results:

2.1 Chemical/Stain Resistance Test See detailed results on attached form.

Four Level 3 conditions permitted Rating: Pass Fail

There are zero (0) Level 3 conditions evident.

\_\_ Title: Environmental Analyst Tests performed by: Dr. Neil M. Ball 12-19-11 State of Wiscons County of 3303 Paine Avenue Sheboygan, WI 53081 (920)459-2500 \* (800)413-7225 Fax (920)459-2503 www.cardinalenvironmental.com ab fore me on 12/19/11 - Notary Expires 4-21-2013







CLEANROOM & LAB FURNITURE - REFERENCES FOR REVIEW











# PROJECT REFERENCE CONFIDENTIAL CLIENT, DUBLIN, IRELAND



**Project Overview:** Supply of HPL fit out for changing and PALS including, open gowning lockers, bespoke PPE dispensers lockers, stepover benches, and shoe cupboards. Colour palette to match customer's identity. **Project developed Kemmlit, Ireland.** 











CONFIDENTIAL CLIENT, IRELAND



**Project Overview:** Supply of HPL fit out for changing, PALS & cleanrooms, including, bespoke PPE dispensers lockers, stepover benches, and workbenches. Colour palette to match customer's identity. **Project developed Kemmlit, Ireland.** 











CONFIDENTIAL CLIENT, IRELAND

















### NATIONAL FORENSIC LABORATORY, IRELAND



**Project Overview:** Supply of HPL fit out for Labs & Anterooms, including, workbenches, underbench units, glass door cabinets. Colour palette to match customer's identity. **Project developed Kemmlit, Ireland.** 



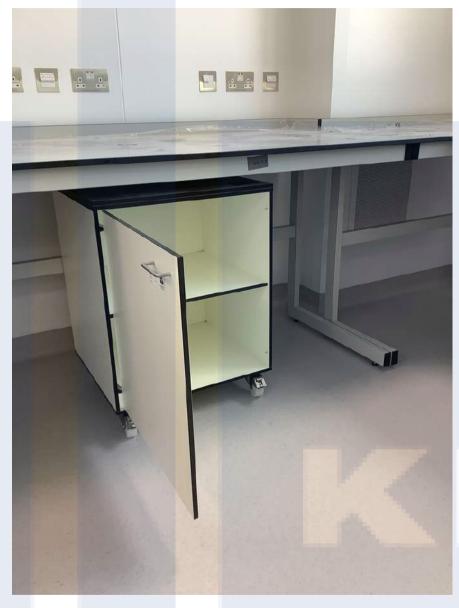








NATIONAL FORENSIC LABORATORY, IRELAND





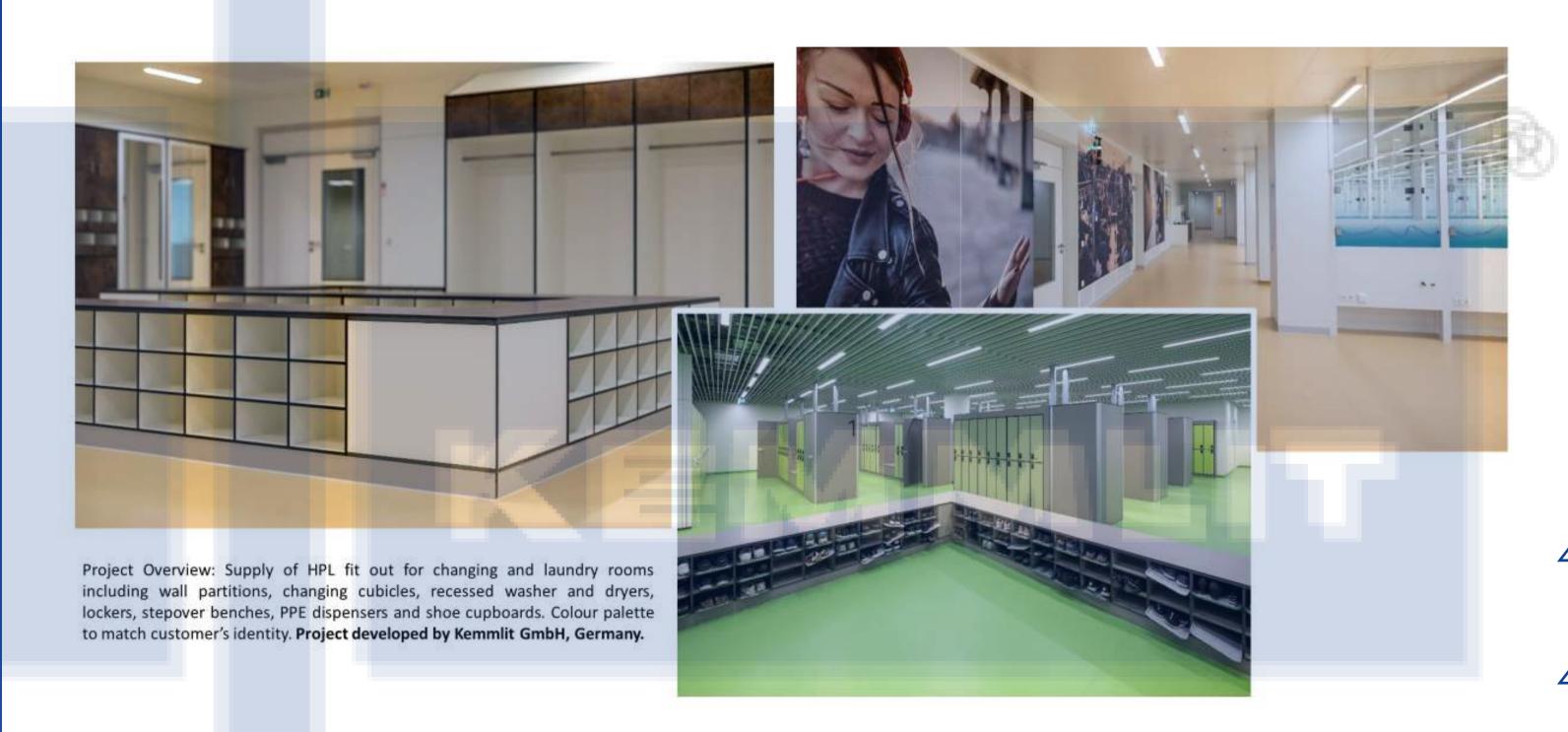








# PROJECT REFERENCE MED EL, GERMANY









## PROJECT REFERENCE SCHWABE KARLSRUHE, GERMANY



Project Overview: Supply of HPL fit out for locker rooms including stepover benches integrated with shoe cabinets, open gowning lockers, bespoke PPE dispensers and stepover benches. Green and white colour palette to match customer's preferences. **Project developed by Kemmlit GmbH, Germany.** 









# PROJECT REFERENCE LOREAL, GERMANY









**CHARLYS LAB, GERMANY** 











## STAINLESS STEEL





## ACCESSORIES

We deliver and assemble the complete portfolio of cleanroom locks and furniture. Of course, we are certainly able to supply you with all the accessories you need.



Poppet valve



Return air locker



Fold-up sitover







Electronic locks







# REFERENCES WORLDWIDE

- Acandis, Pforzheim Germany
- Aesculap, Tuttlingen Germany
- Airbus Defence and Space, Immenstaad Germany
- Airbus Defence and Space, Taufkirchen Germany
- AT&S. Leoben Austria
- B. Braun, Melsungen Germany
- Baxter (ehem. Gambro), Hechingen Germany
- Baxter Oncologie,
- Halle-Westfalen Germany
- Bayer AG, Berlin Germany
- Bayer AG, Grenzach Germany
- Bayer AG, K1iel Germany
- Bayer AG, Leverkusen Germany
- Bayer AG, Monheim Germany
- Bayer AG, Wuppertal Germany
- Biontech, Idar-Oberstein Germany
- Biotest, Dreieich Germany
- Boehringer, Athen Greece
- Boehringer, Biberach Germany
- Boehringer, Ingelheim Germany
- Bosch, Feuerbach Germany
- Bosch, Renningen Germany
- Bristol-Myer-Squibb, Dublin Ireland
- Carl Haas, Schramberg Germany
- Catalent, Eberbach Germany
- Centrum Apotheke, Frankfurt Germany
- CG Chemikalien, Laatze Germany
- Clariant, Burgkirchen Germany
- Cura Faktur, Heilbronn Germany
- Develco, Schopfheim Germany
- Dr. Franz Köhler, Bensheim Germany
- Dr. Merk, Ochsenhausen Germany
- The work, occupantial definitions
- Elring-Klinger, Bietigheim Germany
- Euroimmun, Dassow Germany
- Europa Apotheke, Wiesbaden Germany
- Ever Pharma, Jena Germany
- Excella, Nürnberg-Feucht Germany
- Eli Lilly, Cork, Ireland
- Franz Binder, Bad Rappenau Germany
- Fraunhofer Institut, Freiburg Germany
- Fresenius, Chicago USA
- Genzyme Belgium

- KSL, Lauingen Germany
- Liebherr, Deggendorf Germany
- Losan Pharma, Eschbach Germany
- Losan Pharma, Neuenburg Germany
- Luye Pharma, Miesbach Germany
- Madaus, Troisdorf Germany
- Maquet, Hechingen Germany
- MED EL, Innsbruck Austria
- Medice Iserlohn Germany
- Merck, Darmstadt Germany
- Merz Pharma, Frankfurt Germany
- Merz Pharma, Dessau Germany
- MSD, Großburgwedel Germany
- Nexperia, Hamburg Germany
- Novartis, Marburg Germany
- Novartis, Stein Switzerland
- Novartis, Wehr Germany
- Nypro Health Care, Knittlingen Germany
- Patheon-Thermo Fischer, Linz Austria
- Pfizer, Freiburg Germany
- Pharma Action,
- Rheda-Wiedenbrück Germany
- Pharmasery, Marburg Germany
- Philips, Ulm Germany
- Profil Institut, Neuss Germany
- Quiagen, Hilden Germany
- Ratiopharm-TEVA, Blaubeuren Germany
- Ratiopharm-TEVA, Ulm Germany
- Rentschler, Rankweil Austria
- Sealtech, Ruggell Liechtenstein
- Shire, Cork Ireland
- Stella Kunststofftechnik, Eltville Germany
- Takeda, Singen Germany
- Techno Plast, Düsseldorf Germany
- Tetec, Kusterdingen Germany
- Trumpf, Ditzingen Germany
- Uniklinik, Jena Germany
- Universitätsklinikum, Erlangen Germany
- Universitätsklinikum, Köln Germany
- Würth Halbleiter, Niedernhall Germany
- Wuxi, Dundalk Ireland
- ZAW, Bisingen Germany

- GlaxoSmithKline, Dresden Germany
- Greenerity, Hanau Germany
- Grotex, St. Petersburg Russia
- Grünenthal, Aachen Germany
- Henning Arzneimittel, Flörsheim Germany
- HMC Hospital, Doha Katar
- HPT Röchling, Brensbach Germany
- HPT Röchling, Neuhaus Germany
- Huawei, Weilheim Germany
- IDT Serumwerk, Dessau Germany
- Kirsch Pharma, Bissendorf Germany
- Klinikum Heidenheim Germany
- Klinikum Karlsruhe Germany











