

• OCTANORM.
THE SUPERPLUS
IN CLEANROOM
TECHNOLOGY.

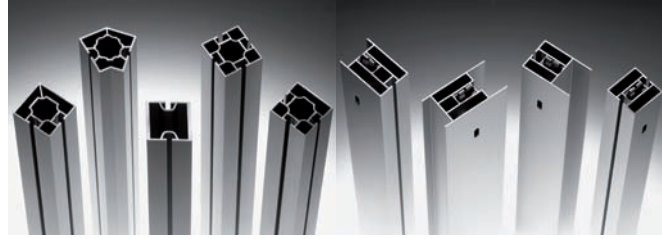


cleanroom systems
software and service

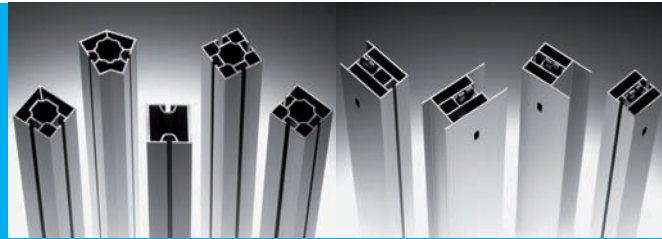
THE
WORLD
OF
SYSTEMS

OCTANORM 

PRECISION
PERFORMANCE.



- **SUPER:** OCTANORM IS THE WORLD'S MARKET LEADER IN INNOVATIVE CONSTRUCTION SYSTEMS.
- **PLUS:** WE ARE A PROFESSIONAL, CUSTOMER-ORIENTED SERVICE COMPANY.
- **SUPER:** NOBODY MATCHES OUR
INGENIOUS CONNECTING TECHNOLOGY.
- **PLUS:** WE ARE REPRESENTED BY SERVICE ASSOCIATES WORLDWIDE.
- **SUPER:** VALUES SUCH AS RELIABILITY, TECHNICAL CAPABILITY AND COST-CONSCIOUSNESS COME FREE OF CHARGE.
- **AND SUPER PLUS:** WE DON'T ONLY TALK ABOUT PARTNERSHIP - WE PRACTICE IT.



THE
WORLD
OF
SYSTEMS



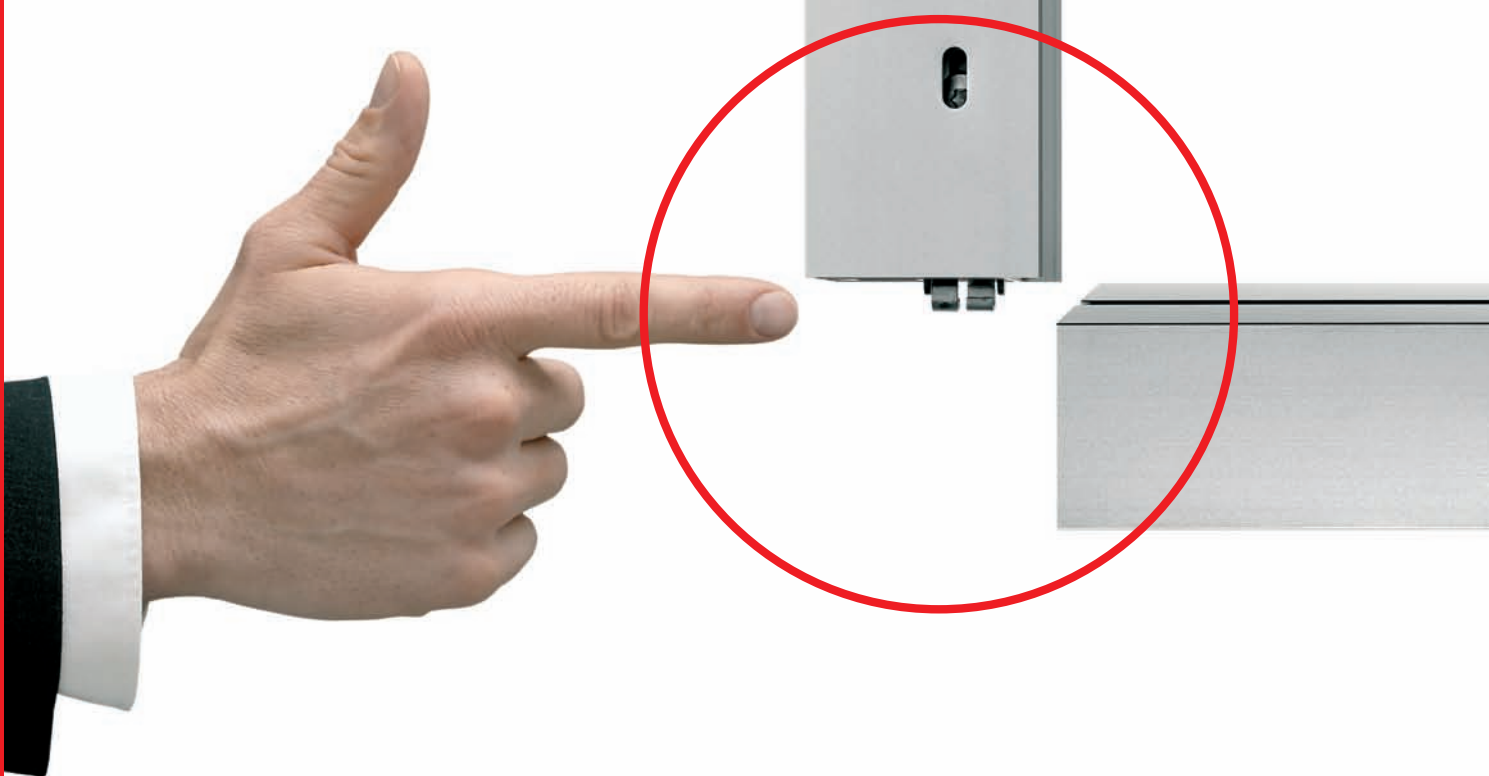


THE CUTTING
EDGE.

WHAT LOOKS SO HARMLESS IS IN REALITY DANGEROUS - BUT ONLY FOR THE COMPETITION!

OUR ECCENTRIC TENSION LOCK HAS A UNIQUE AND UNBEATABLE WORKING PRINCIPLE. All OCTANORM systems have a common principle in the connecting technology they use. Its greatest advantage is its speed and simplicity which is an enormous benefit to any assembly project. And, it works just as fast for dismantling, extending or modifications of any kind: insert key, turn, done. It can't get more efficient than this.

THE
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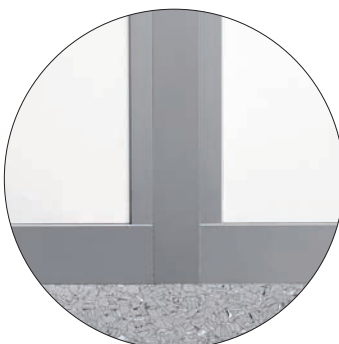
**STRICTLY SPEAKING:
THE OCTANORM CLEANROOM SYSTEM
IS A TECHNICAL STROKE OF GENIUS
THAT WILL PAY OFF IN NO TIME FLAT.**

OCTANORM GUARANTEES YOU ANY CLEANROOM CLASSIFICATION THAT YOU NEED WITH IMPRESSIVE VALUE. We've been practicing extreme customer service worldwide for more than 40 years. This consistent philosophy rapidly took us to our current market leadership position in innovative construction systems. Respected and well-known companies in various industries world wide have profited from our product know-how, individual support and consultation, punctual delivery, planning and full-service approach. Our subsidiaries and OCTANORM licensees ensure constant quality assurance and customer satisfaction on a global scale. Your decision for OCTANORM will be a decision for systematic know-how.



OCTANORM 

**.A TOP OF THE
LINE PARTITION.**



**IT'S CLASSY,
STRAIGHT FORWARD
AND STRONG ON PRINCIPLE:
THE OCTANORM SYSTEM WALL
FOR ELECTRONICS, OPTICS & MORE.**

FLEXIBILITY IN A CLASS OF ITS OWN. A TOP-QUALITY PRODUCT - THE OCTANORM SYSTEM WALL GUARANTEES THE BEST EFFECTIVENESS AVAILABLE. Our walls are quickly installed, can be dismantled and reassembled at any time (major cost savings!), they are modular, and modifications are simple. The only thing left for you to do is to choose this added value. You'll be thankful you did.

BENEFITS	VALUE ADDED	TECHNICAL DATA	APPLICATIONS	APPLICATION AREAS	VARIATIONS
Flexible in width and in height	Walls can be dismantled and reinstalled, again and again	40 mm extrusion width	Cleanroom walls	Semiconductors	Wall elements - single or double walls
Modular		Aluminium uprights and beams	Tool walls	Microelectronics	Single or double glazing
Flush edges	Easy modification	Anodized finishes	Wall cladding	Optics	Combinations of different panels and glazing
Panels for every cleanroom classification	Components can be reused	Powder coated finishes on request	Sealing and insulation	MEMS	Variable construction arrangement
Simple construction		Wall panels in varying materials	Airlock walls	Medicial equipment	Wall separation at any height and width
Low mechanical reworking requirement		Integration of switches and power outlets		Chemicals	
Quality finishes		Flexible wall, floor and ceiling connection		Machine-building	
The World Of Systems logo					



**.GREAT DOORS FOR
GREAT CLEANROOMS.**



A CLEANROOM
IS A CLEAN ROOM,
ESPECIALLY WHEN THE DOORS
ARE FROM OCTANORM.

QUALITY GUARANTEED. Let's face it; a cleanroom is only as good as its doors. At OCTANORM, we have developed a door system that perfectly fits the wall, it will do justice to any cleanroom requirement, even if you need special sizes and fittings. And there are other opportunities our doors will open for you - like high cost-effectiveness.

	BENEFITS	VALUE ADDED	TECHNICAL DATA	APPLICATIONS	VARIATIONS	
THE WORLD OF SYSTEMS	Door systems fitted for cleanrooms	Doors are interchangeable with wall elements	Tube frame construction	Single and double doors	Special sizes	
	Door systems that correspond to the partition wall arrangement	Doors fitted with emergency opening bars	Aluminium door fittings	Doors with solid panels	Special fittings	
	Flush to wall surface	Usable in airlocks	Locking function for airlocks	Doors with windows		
	Special sizes available	Short delivery times	Fittings for doors at emergency exits	Airlock doors		
	Quality door fittings		Aluminium elements			
	Short delivery times		Anodized finishes			
			Powder coated finishes on request			



OCTANORM 



THE MOST BEAUTIFUL THING FOR EVERY CLEANROOM PLANNER: OCTANORM SUPPLIES YOU WITH A CLEAR PERSPECTIVE - INCLUDING THE CEILINGS.

OUR CEILING SYSTEMS WILL TOP ANY CLEANROOM. YOU CAN ALTER, MODIFY, ENLARGE, OR SHRINK YOUR CLEANROOM USING OUR CEILING SYSTEMS. Your requirements will change, but our claim of top service won't - OCTANORM is the ideal service company for cleanroom systems. Our ceilings are quick to install, they can be used for many applications. Don't have your cleanroom project turn into a nightmare - choose OCTANORM.

BENEFITS	VALUE ADDED	TECHNICAL DATA	APPLICATIONS	APPLICATIONS AREAS	VARIATIONS
<ul style="list-style-type: none"> Flexible in width and length Modular Filters and lighting are easy to fit No additional suspension for installations Ceiling panels according to cleanroom requirements Low mechanical reworking requirement Lightweight construction High-quality finishes 	<ul style="list-style-type: none"> Ceiling can be dismantled and reinstalled, again and again Modifications are easy to make Ceiling is quick to rearrange Components can be reused 	<ul style="list-style-type: none"> 58 mm extrusion width Aluminium components Anodized finishes Powder coated finishes on request Varying ceiling panels Ceiling suspension adjustable in height Flexible connection to existing building walls 	<ul style="list-style-type: none"> Cleanroom ceilings Plenum ceilings 	<ul style="list-style-type: none"> Semiconductors Microelectronics Optics Food packaging MEMS Medicinal equipment manufacturing Chemicals Machine-building 	<ul style="list-style-type: none"> Single and double wall panels with or without insulation Walkable ceilings, weight up to 200 kg/m² Powder coated ceiling panels
THE WORLD OF SYSTEMS					



FLEXIBILITY IN A CLASS OF ITS OWN, A TOP-QUALITY PRODUCT – THE OCTANORM PARTITION WALL GUARANTEES THE BEST FUNCTIONALITY AVAILABLE. It is modular and enables the highest cleanroom classification. And the best part of it: wires and pipes etc are integrated into the wall elements can be removed and reintegrated from the grey room – without cleanroom work interference.

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DOOR SYSTEMS TO KEEP
EVERYTHING CLEAN.



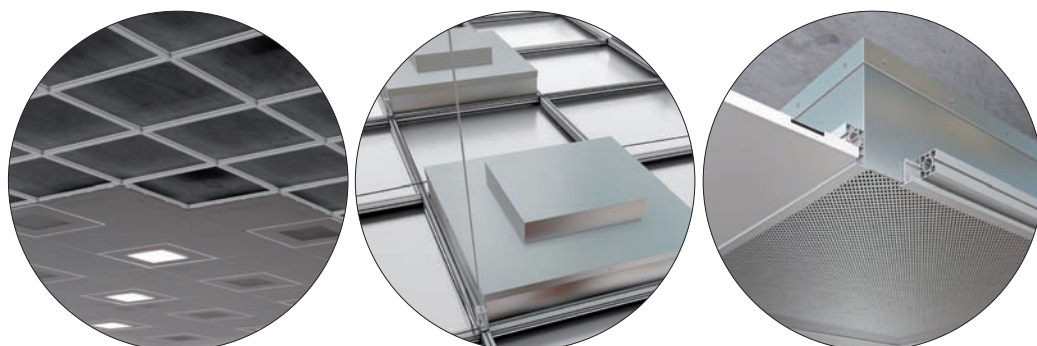
PHARMACEUTICAL CLEANROOMS NEED SPECIAL DOORS.

THE OCTANORM DOOR SYSTEMS, SUITABLE FOR PHARMACEUTICAL CLEANROOMS, ARE PURE DELIGHT. NOT A SINGLE SPECK OF DUST OR MICRO-ORGANISM WILL MAKE IT THROUGH OUR DOOR. The door system we developed meets any cleanroom classification and stands out due to its technical finesse. Different door variations offer a number of design and construction possibilities. And 100% function – whether if you take a standard or a customized door.

	BENEFITS	VALUE ADDED	TECHNICAL DATA	APPLICATIONS	VARIATIONS	
	<div>Door systems suitable for pharmaceuticals</div> <div>Door systems that correspond to the partition wall arrangement</div> <div>Quality door fittings</div> <div>Different panels</div>	<div>Doors fitted with emergency opening bars</div> <div>Usable in airlocks</div> <div>Short delivery times</div>	<div>Tube frame construction</div> <div>Aluminium door fittings</div> <div>Door leaf thickness 40 mm</div> <div>Anodized finishes</div> <div>Powder coated finishes on request</div> <div>Aluminium door hinges</div> <div>High quality door locks</div> <div>Aluminium door handle</div>	<div>Single and double doors</div> <div>Doors with solid panels</div> <div>Escape doors</div> <div>Locking mechanism for airlock doors</div> <div>Doors with balustrade glazing</div>	<div>Special sizes</div> <div>Special fittings, for example panic function</div> <div>Lowerable floor sealings</div>	



• THE CEILING SYSTEM FOR HIGHEST REQUIREMENTS.




**THE NEW CEILING SYSTEM
FOR PHARMACEUTICAL CLEANROOMS
IS HIGHLY FUNCTIONAL AND
ADAPTABLE TO FIT IN EVERY GRID.**

A CEILING SYSTEM SO BEAUTIFUL, SO FUNCTIONAL, SO MODULAR AND FLEXIBLE. SIMPLY UNITE EVERYTHING UNDER ONE ROOF. Our ceiling system is simply unbeatable: Easy to dismantle and to reinstall, it allows for quick modifications. And thanks to a flexible grid, filters and lights can be installed flush with the surface.

BENEFITS	VAUE ADDED	TECHNICAL DATA	APPLICATIONS	APPLICATION AREAS	VARIATIONS
<ul style="list-style-type: none">ModularFlexible in width and lengthFlush edged integration of filters and lightingNo additional suspension for installed equipmentPanels according to cleanroom classificationLow mechanical reworking requirementLightweight constructionHigh-quality finishes	<ul style="list-style-type: none">Short assembly times thanks to approved OCTANORM connection methodCan be dismantled and put back together, again and againEasy modificationQuick rebuildingsComponents can be reused	<ul style="list-style-type: none">40 x 40 mm or 40 x 60 mm extrusionAluminium ceiling extrusionsAnodized finishesPowder coated finishes on requestBeam connection with tension lock technologyPowder coated steel ceiling panelsCeiling suspension adjustable in height	<ul style="list-style-type: none">Cleanroom ceilingsPlenum ceilings	<ul style="list-style-type: none">Pharmaceutical IndustryBio EngineeringChemical IndustrtyFood Industry	<ul style="list-style-type: none">Single and double wall panelsWalkable ceilings, weight up to 200 kg/m²Stainless steel or aluminium ceiling panels on request
<div>THE WORLD OF SYSTEMS</div>					



SIMPLY PUT, THERE IS NO GETTING PAST THE HIGH BENEFIT AND CLEAR ADDED VALUE IN OUR CLEANROOM ENVIRONMENT SOLUTIONS. The OCTANORM system range gives you all the room you need for your ideas. Technically sophisticated solutions are just as easily realised as the simple housing for a machine. We at OCTANORM don't distinguish between theory and practice. We deliver what we promise.

	BENEFITS	VALUE ADDED	TECHNICAL DATA	APPLICATIONS	VARIATIONS	
	Combination of partition wall and ceiling systems	Easy and quick assembly	Aluminium components	Freestanding environments	Can be combined with various OCTANORM elements	
	Modular	Modifications are easy to make	Anodized finishes	Machine housings	Single or double walls	
	Flexible	Short delivery and assembly times	Powder coated finishes on request	Mini-environments	Special dimensions	
	Variable		Panels in varying materials - powder coated steel, powder coated or anodized aluminium, plastic panels etc.			
	Tried and trusted connecting technology					



**SMALL BUT
CLEAN.**



**A SHORTCUT TO YOUR CLEANROOM:
OCTANORM LAMINAR FLOW.
NO MATTER WHERE, WHEN OR HOW.**

EVEN IF YOU LACK SPACE FOR A CLEANROOM, YOU WILL NO LONGER HAVE TO WORRY ABOUT CLEANLINESS. LAMINAR FLOW MAKES IT POSSIBLE. Whether you use it as a workbench or as a table top, in vertical or in horizontal construction: The function will always be the same. Everything is kept clean. And besides that – Laminar Flow can be moved easily with little effort.

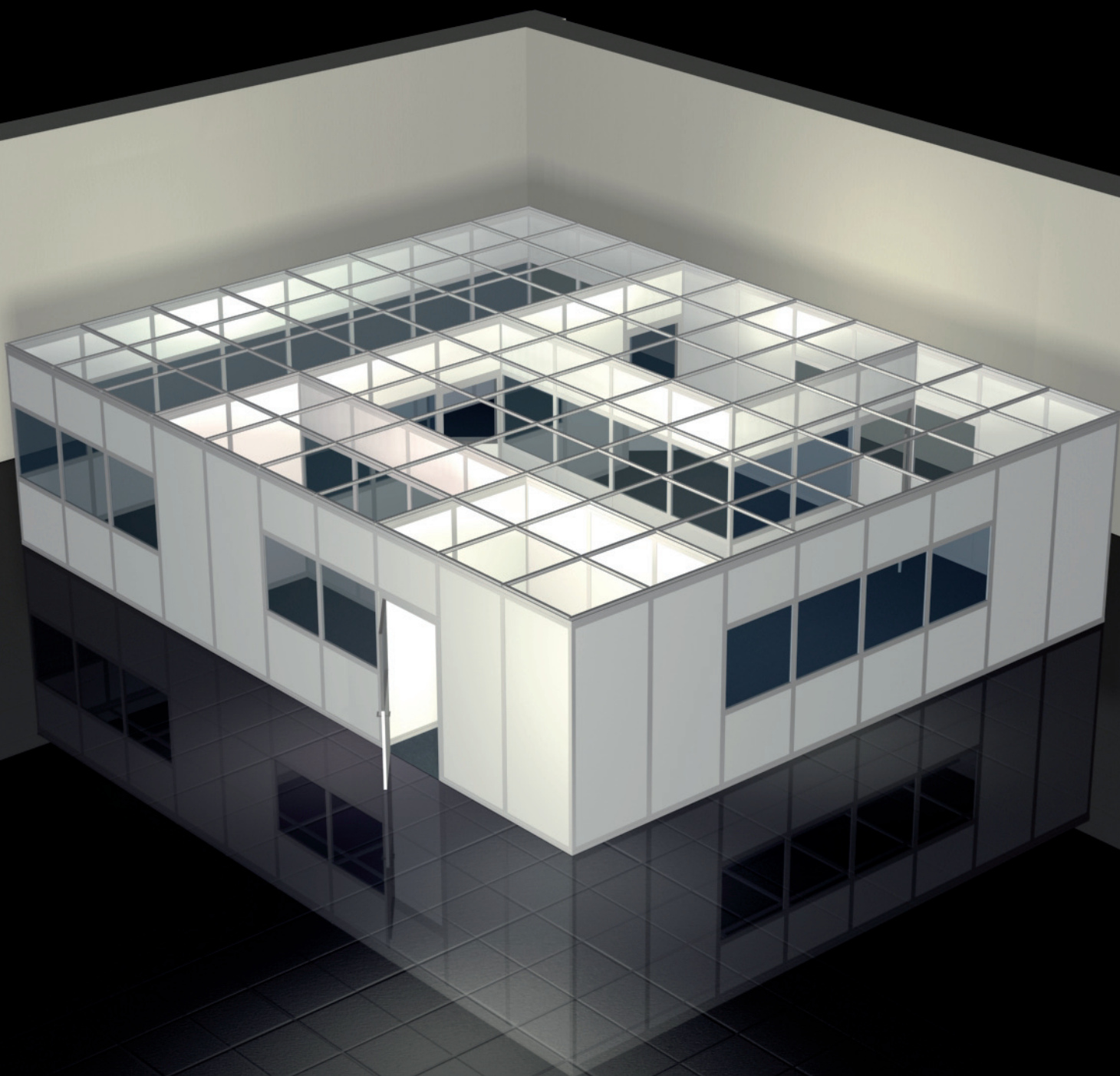
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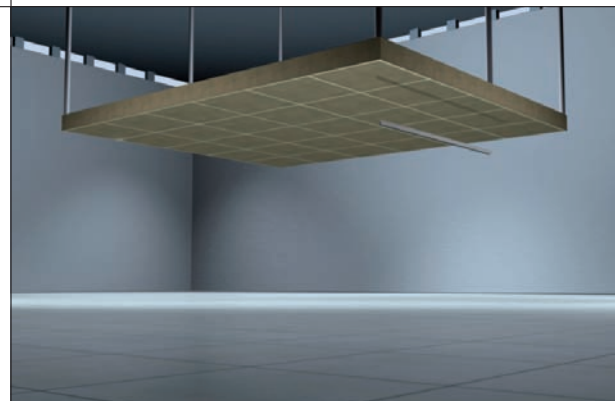
WITH OCTACAD YOU CAN QUICKLY ACHIEVE PROFESSIONAL SPACE PLANNING OUT OF CONCEPTIONAL IDEAS.

THE IDEAL SOFTWARE PACKAGE FOR PLANNERS, BUILDERS AND DESIGNERS IMPROVES YOUR PLANNING COMPETENCE AND MAKES TREMENDOUS COST SAVINGS POSSIBLE. OCTACAD is a proven software package developed for professional users. It is extremely fast, highly intelligent, precise and reliable.

	BENEFITS	BENEFITS	VALUE ADDED	TECHNICAL DATA	VARIATIONS
	<p>Constructions can be realised, analysed and printed immediately using CAD.</p> <p>The elements are not just inserted from the library and copied a few times, but generated along one line in a very complex and detailed process through our unique wall system.</p>	<p>Using the software, you can create a complete wall complex for cleanroom walls in a fraction of the time.</p> <p>Intelligent editing functions let you divide, swap, or move walls after you've positioned them.</p> <p>OCTACAD provides useful and ergonomic tools for creating cleanroom ceilings.</p> <p>This makes it easier for you to plan and gives you a tremendous time advantage.</p>	<p>Project and drawing management</p> <p>All cleanroom elements are provided in a library</p> <p>3D representation of all elements drawn such as walls, ceilings, rooms etc.</p> <p>Easy operation</p> <p>Parts list generation</p> <p>Great time savings</p> <p>Error minimisation</p> <p>Resulting major costs savings</p>	<p>Software Operating System: Windows XP (German or English)</p> <p>Training: We supply a wide range of application training programs that cover areas such as CAD, graphics, Internet, visualisation and video processing.</p> <p>We recommend an introductory two-day course that will give you not only the necessary basic knowledge, but also a specialised experience. Apart from that, we will be able to solve specific problems during the course.</p> <p>We can also provide an installation and introduction service at your premises.</p>	<p>OCTACAD lets you use other OCTANORM systems and include these in your designs in addition to the cleanroom system with walls, doors and ceilings.</p>
THE WORLD OF SYSTEMS					



INSTALLATION
WITH A SYSTEM.



SUSPENDED CLEANROOM CEILING AND FLOOR

THE INNOVATIVE VALUE AND QUALITY OF OUR SYSTEMS IS EVIDENT DURING SET UP.

IF THERE WERE AN AWARD FOR THE MOST USER-FRIENDLY ASSEMBLY SYSTEM, OCTANORM WOULD BE SURE TO RECEIVE IT. We manufacture our systems with the highest quality and care so you can avoid onsite technical problems and keep your installation schedules.



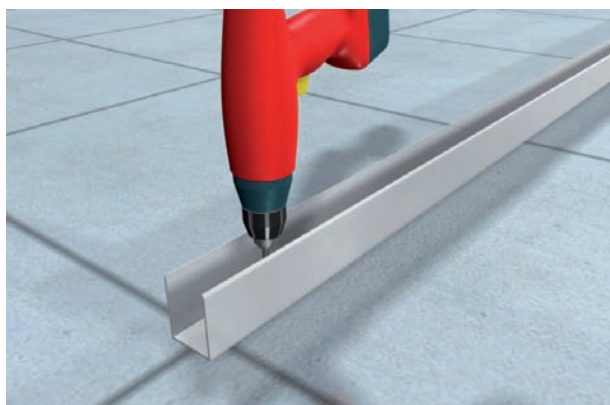
FLOOR BEAM WITH ECCENTRIC TENSION LOCK

THE
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OF
SYSTEMS



■ WALLED CEILING CONNECTION INSTALLATION

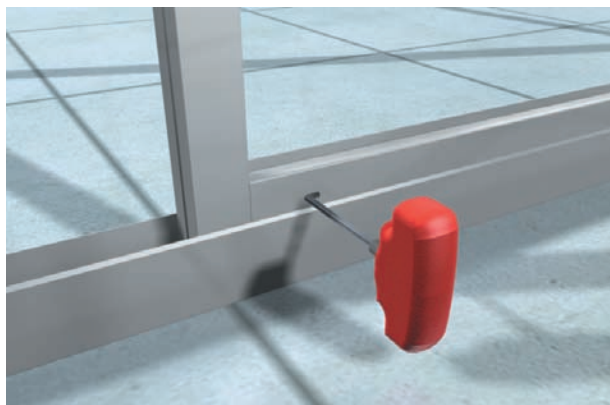
A STUDY IN SIMPLE LOGIC:
CLEANROOM TECHNOLOGY
WITH OCTANORM.



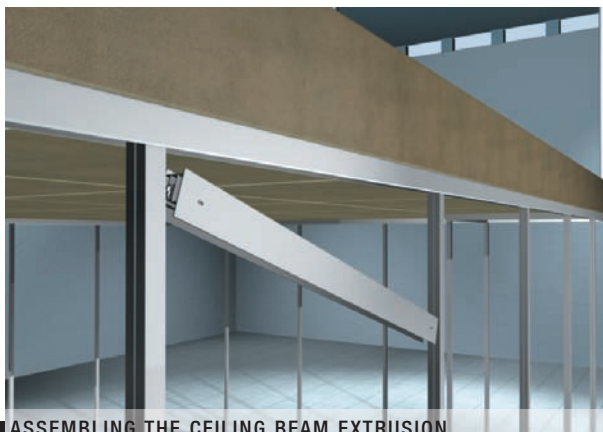
■ ASSEMBLING THE FLOOR U-EXTRUSION



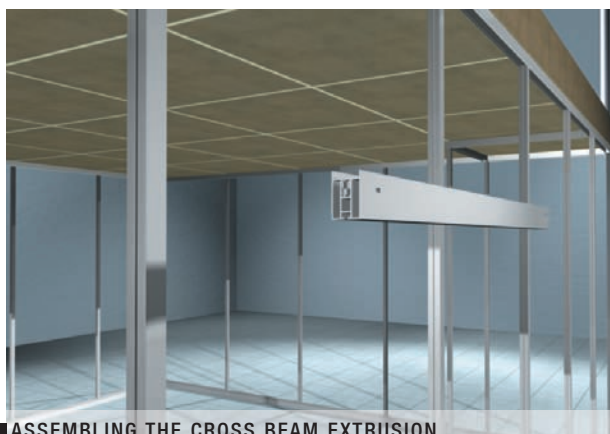
■ PARTITION WALL UPRIGHT INSTALLATION



■ CONNECTING THE FLOOR BEAM WITH THE UPRIGHTS

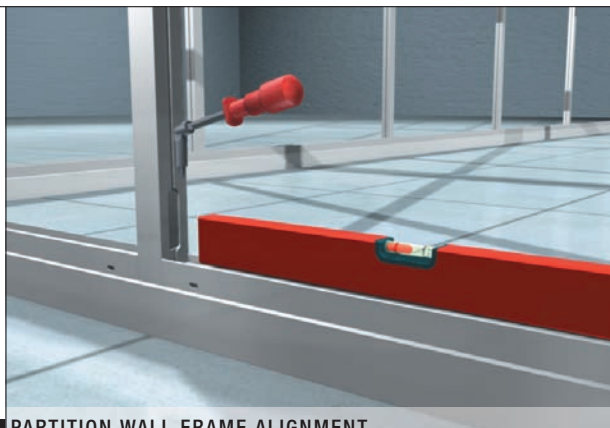


■ ASSEMBLING THE CEILING BEAM EXTRUSION

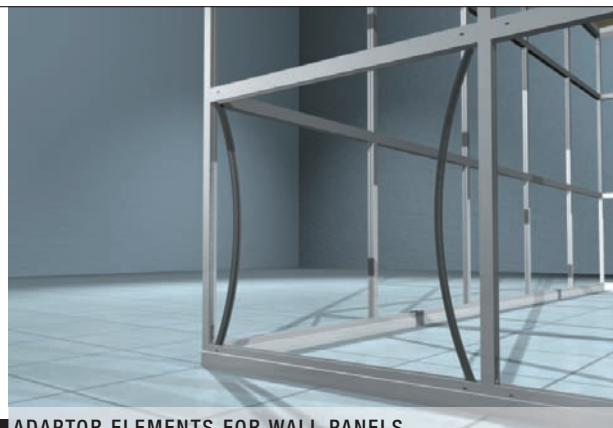


■ ASSEMBLING THE CROSS BEAM EXTRUSION

BY PROFESSIONALS
FOR PROFESSIONALS.



■ PARTITION WALL FRAME ALIGNMENT



■ ADAPTOR ELEMENTS FOR WALL PANELS

WHEN ENGINEERS AND INSTALLERS
ARE ESPECIALLY PROUD OF
THEIR PERFORMANCE, YOU CAN BE SURE
THEY HAVE BUILT WITH OCTANORM.

OUR GUARANTEE: ON-SITE SATISFACTION IN CONSTRUCTION! THAT'S HOW PEOPLE KNOW US.
Our examples can only show you a small snapshot of what our complete system can
really do. For more information and to discover OCTANORM'S true potential please contact us.



■ ADAPTOR ELEMENTS FOR GLASS

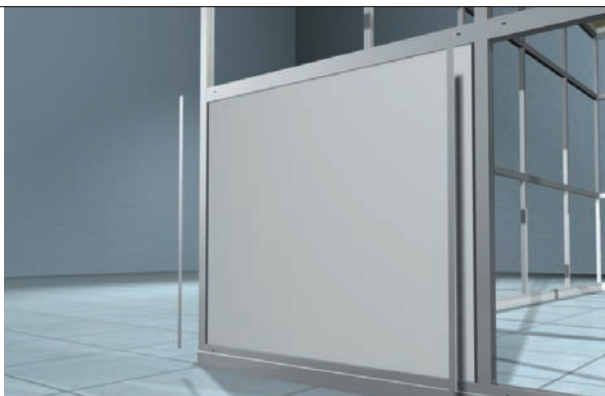


■ SPACER ELEMENT ASSEMBLY

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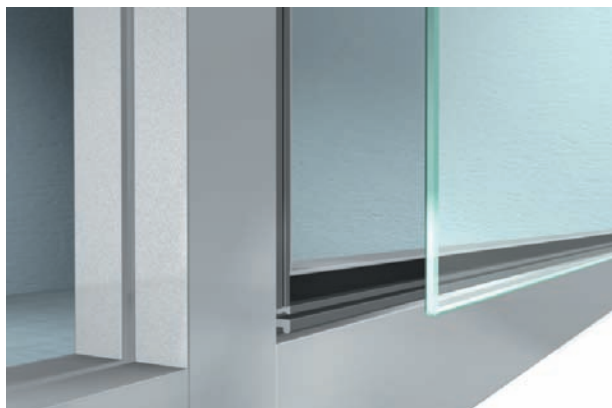


■ WALL PANEL INSTALLATION



■ VERTICAL RETAINER EXTRUSION ASSEMBLY

UNIQUELY FAST:
OUR INGENIOUS CONNECTING
TECHNOLOGY.



■ GLASS INSTALLATION



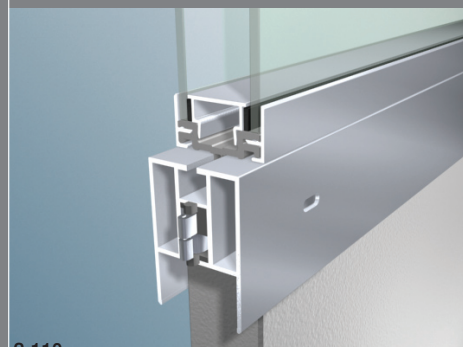
■ FIXING THE GLASS WITH RETAINER EXTRUSION

CLEANROOMS
WITHOUT LIMITS

THE VARIETY OF OUR EXTRUSIONS GUARANTEES IN IMPRESSIVE ENVIRONMENTS WITH FORM AND FUNCTION.

MULTIFUNCTIONAL ROOMS WITH TOTALLY INDIVIDUAL ARCHITECTURE - ALMOST ANYTHING IS POSSIBLE WITH OCTANORM. For simple to complex projects, you need a system and company that offers product know-how and support, reliable delivery times, cost awareness, and a high level of flexibility and quality. For maximum value choose OCTANORM.

THE
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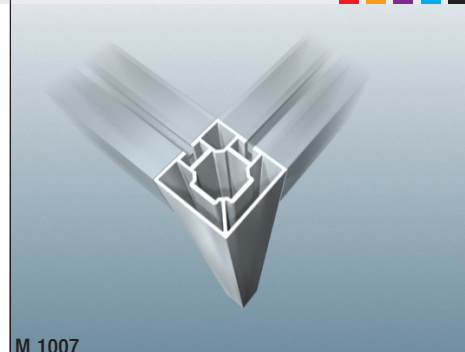
C 110

60 MM BEAM EXTRUSION FOR GLASS/PANEL INSTALLATION



M 1005

■ UPRIGHT EXTRUSION WITH 3-WAY CONNECTION



M 1007

■ UPRIGHT EXTRUSION FOR 90° CORNER



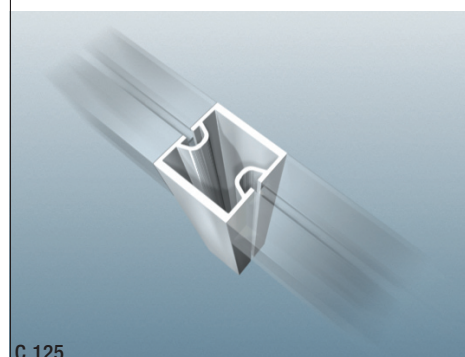
M 1001

■ UPRIGHT EXTRUSION WITH 4-WAY CONNECTION



M 1009

■ UPRIGHT EXTRUSION FOR 135° CORNER



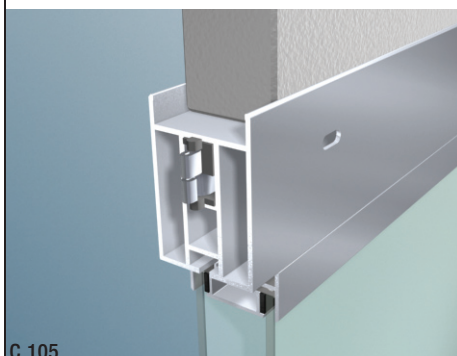
C 125

■ UPRIGHT EXTRUSION WITH 2-WAY CONNECTION



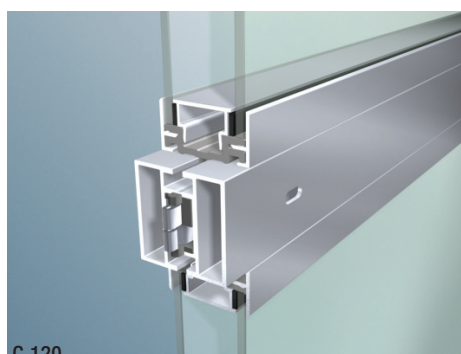
C 100

■ 80 MM BEAM EXTRUSION FOR PANEL INSTALLATION



C 105

■ 60 MM BEAM EXTRUSION FOR PANEL/GLASS INSTALLATION



C 120

■ 40 MM BEAM EXTRUSION FOR GLASS/GLASS INSTALLATION

IT'S THE RESULT
THAT COUNTS.

exhibition systems
interior design systems
presentation systems
cleanroom systems
software and service

YOU ONLY NEED TO REMEMBER ONE NAME: OCTANORM

WE WANT TO DO CLEANROOM BUSINESS WITH YOU. YOU CAN BE ASSURED THAT YOU WILL BENEFIT FROM OUR KNOWLEDGE AND EXPERTISE. We are there for you and any questions you may have. Require more information? An appointment? We look forward to your inquiry...we look forward to hearing from you! Welcome to OCTANORM...

AW 9000.GB_cleanroom systems_07/2009

THE
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OF
SYSTEMS

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