



Tekform Compact HPL

... flexible and dependable; embracing innovative and sustainable design

TEKFORM



tekform compact hpl

“Embracing Innovative and sustainable design is easier than ever with all the benefits attributed to flexible and dependable compact HPL. Tekform’s range of Compact HPL is simply indispensable for interior applications.”

HPL Compact Sheets are High Pressure Laminates over 2mm thickness and conforming to ISO 4586 & BS3974 and providing characteristically robust surface qualities with a completely sealed homogenous structure to their cut edges. One or both sides may have colour/pattern effect and this can be in smooth or textured finish. HPL Compact is a self supporting panel which has incredible mechanical strength, very high scratch resistance, non-porosity & good physical stability. These characteristics make it the perfect solution for wet and heavy duty areas. Compact HPL is particularly used for partitions, lockers, doors,



tables, hospital fittings, shelves, and worktops for kitchens, offices and laboratories. Due to its non-porosity, compact is very easy to clean and therefore ideal for applications where hygiene is a must. Hospitals, healthcare facilities, kitchens and restrooms all benefit substantially from the impervious, hygienic nature of compact HPL.

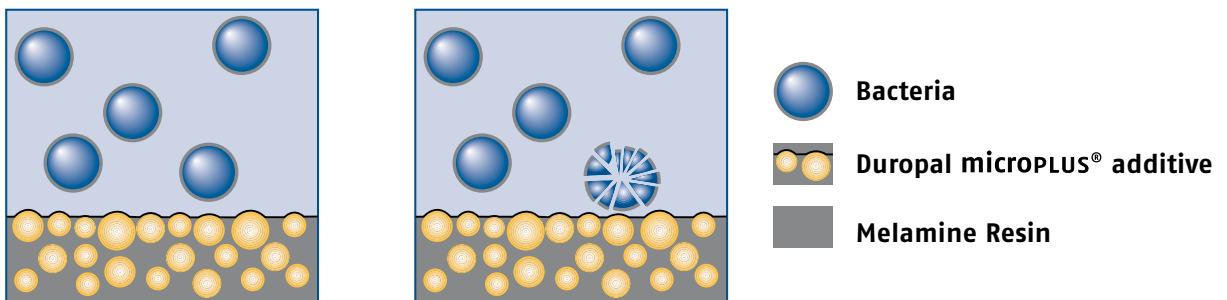
Tekform presents two ranges of Compact HPL, both with all the resilience attributed to Compact, but distinguishably different. Duropal Compact HPL is a premium, 10mm antibacterial chemical grade panel ideal for use with health and sciences or technical applications and Pellegrin Compact, which is a heavy grade 13mm substrate with a wide and varied decor selection. Tekform's Compact HPL panels are superior, integrated, hard wearing surfaces suitable for all types of designs, shapes, profiles and sizes and they open up a whole new range of design possibilities.

10mm antibacterial & chemical grade hpl

The perfect combination of uniformity, decoration and safety make Duropal HPL the perfect material for professional interior constructions. Hygiene and durability are the primary considerations of Duropal chemical grade 10mm Compact HPL. In Addition to its hygienic disposition, Duropal Compact HPL has been fortified with Microplus.

Microplus is a new antibacterial surface for hygiene sensitive environments that greatly reduces the risk of bacterial transmission. The new surface is highly effective: Duropal Microplus is not only proven to permanently reduce the presence of germs by 99 percent, but it is completely safe for humans. These facts have been confirmed by certificates issued by Fresenius and Isega, two independent testing institutes.

A team of experts spent around 15 months developing the antibacterial surface. Their prime goal was not only to provide reliable long-term protection against bacteria and other germs, but to ensure the surface was completely safe with regard to skin contact, food contact and vapours. Duropal has waited until all three criteria have been met in full before launching the product. So how does this new surface work? It uses a bactericide that is a common ingredient in shampoos, toothpastes and lotions. When bacteria come into contact with the Microplus surface, the active agent interferes with their vital functions so that the bacteria can no longer reproduce and eventually die. Included are some figures that illustrate its effectiveness: Of 10,000 bacteria introduced onto a test surface, only 0 to 10 are still alive after 24 hours. That's equal to a 99 percent reduction in the number of germs. Microplus retains its full effect permanently – even when the HPL surface is worn down. In the end, Duropal Microplus combines two features that are of enormous benefit to interior designers: good hygiene and long-lasting, high-quality products.



Comparison of the antibacterial effectiveness of various materials

Antibacterial Effectiveness	Test Bacteria				Test results SGS Fresenius
	<i>Pseudomonas aeruginosa</i>	<i>Staphylococcus aureus</i>	<i>Salmonella choleraesuis</i>	<i>Escherichia coli</i>	
Tested Material	Effectiveness (powers of ten)				Summary
Duropal microPLUS®	> 4.9	> 4.8	> 4.9	> 4.4	Strong Effect
Stone Granite / Marble	-0.6	0.2	0.1	< -1.0	No Effect
Ceramic	< -0.6	0.3	0.3	< -1.0	No Effect
High Grade Steel	0.2	1.8	2.1	< -1.0	Small Effect
PVC	-0.3	0.2	0.2	< -0.8	No Effect
Acrylic	-0.5	0.2	0.1	< -1.0	No Effect
Mineral filled surface material	0.3	0.6	0.5	< -0.5	No Effect

Summary:
With reference to the other tested surfaces Duropal **microPLUS®** has a more than 1,000 times higher antimicrobial effectiveness.

antibacterial & chemical grade colour range



CRYSTAL WHITE
CODE: U1026MP

DUROPAL



MANHATTAN
CODE: U1179MP

DUROPAL



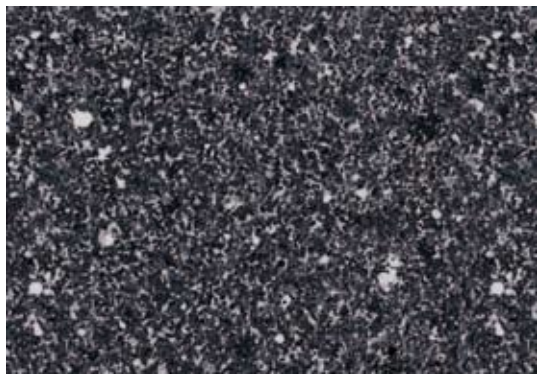
LIGHT GREY CORN
CODE: F7920TC

DUROPAL



CHARCOAL
CODE: U1233MP

DUROPAL



CORN
CODE: R7919TC

DUROPAL

Effective January 2009

13mm high performance grade hpl

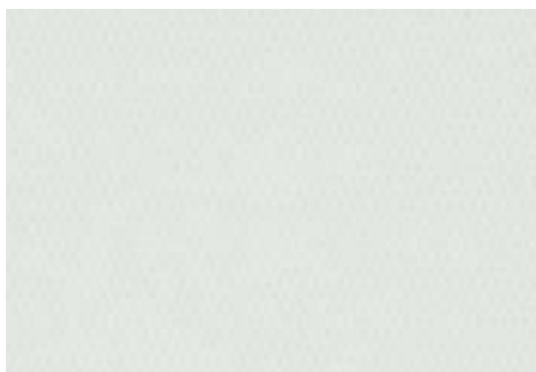
Constructed to withstand abuse and suitable for wet or humid conditions, Tekform's high performance grade Compact HPL is the perfect solution where ease of maintenance and long life are primary considerations. Appearance however, is not compromised, with design choices to compliment virtually any environment. A choice of traditional or contemporary designs makes Tekform's heavy duty grade Compact HPL first choice for any project where abuse and wet or humid conditions would normally require a more moderate design product. Applications including healthcare, education, leisure and hygiene all benefit from high performance grade Compact HPL's highly favorable construction. The tough and durable 13mm panels can be easily cleaned and are impervious to bacteria and cleaning chemicals. Tekform also offer a large range of 13mm partitioning components in many configurations, that are as robust as the high performance grade hpl itself.



13mm high performance grade hpl colour range



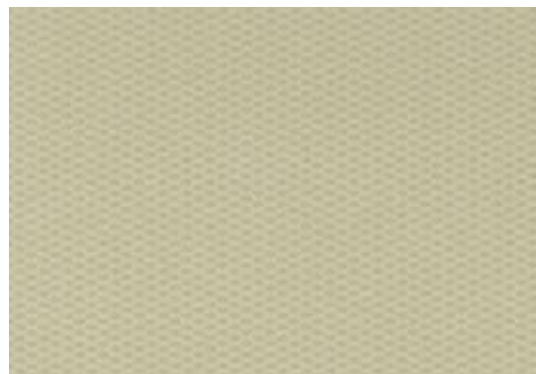
SALT & PEPPER
CODE: KD530VV



NEW BEAUTY WHITE
CODE: KD380VV



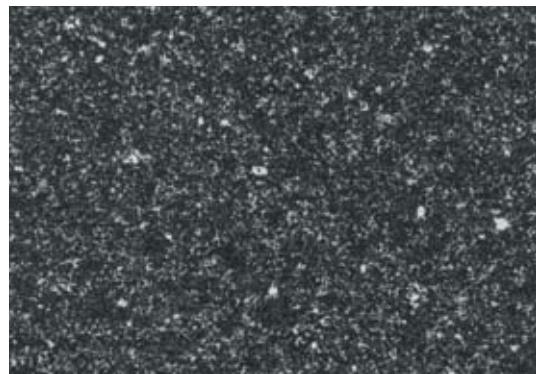
NEW BEAUTY BLUE GREY
CODE: KD385VV



NEW BEAUTY LITE GREEN
CODE: KD384VV



LABYRINTH BLUE
CODE: KD365VV



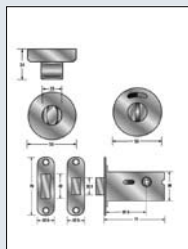
FINO GRAPHITE
CODE: KD303VV



SLATE GREY
CODE: KD206VV

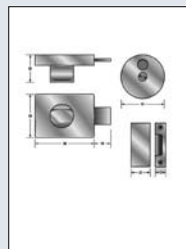
The Tekform range of compact HPL partition hardware has been designed to capture the imagination and inspire creativity. An abundance of benefits, both practical and aesthetic combine for the best in function and form. The range of components has been developed to provide an enhanced partitioning solution furthering the advantages of using Tekform Compact HPL. An inclusive selection of components allow for a truly versatile system suitably strong and adaptable enough to furnish any space.

Lock componentry



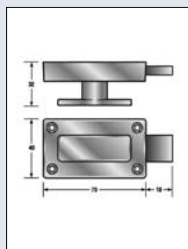
Concealed Fixing System - Morticed

- Stainless Steel
- Satin Chrome Finish



Concealed Fixing System

- Diecast Zinc
- Satin Chrome Finish



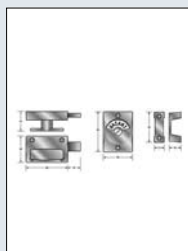
Turnbolt - Series 100A

- Diecast Zinc
- Satin Chrome Finish



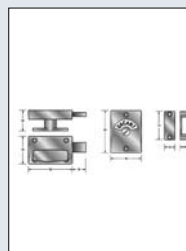
Indicator - Series 200A

- Diecast Zinc
- Satin Chrome Finish
- With Safety Handle



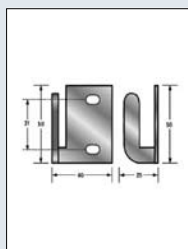
Indicator Set Series 100

- Diecast Zinc
- Satin Chrome Finish



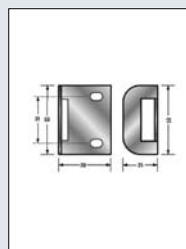
Indicator Set Series 200

- Diecast Zinc
- Satin Chrome Finish



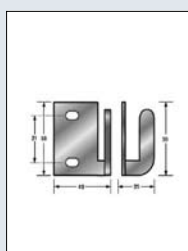
Lift Off Staple

- Brass
- Satin Chrome Finish
- Right hand staple use with left hand gravity hinge



Staple

- Brass
- Satin Chrome Finish
- Shown - 31mm CTOC
- Not Shown - 35mm CTOC



Lift Off Staple

- Brass
- Satin Chrome Finish
- Left hand staple use with right hand gravity hinge

Leg/Hinge componentry

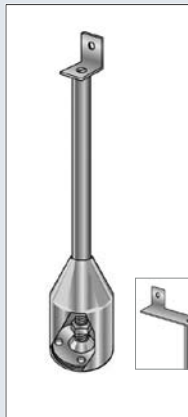
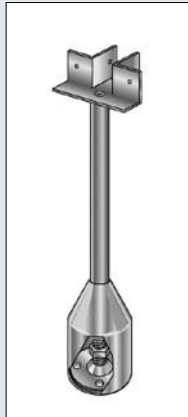


Adjustable Division Support / Foot Assembly

- Stainless Steel
- To Suit
- 150mm
- 200mm
- 300mm
- off floor system
- (Specify when ordering)
- Note: 50mm of adjustment;
- Excl. 200mm leg -
- Min height 175mm, Max 225mm

Adjustable Foot Assembly with Division Support

- Stainless Steel
- To Suit
- 150mm
- 200mm
- 300mm
- off floor system
- (Specify when ordering)
- Note: 50mm of adjustment;
- Excl. 200mm leg -
- Min height 175mm, Max 225mm

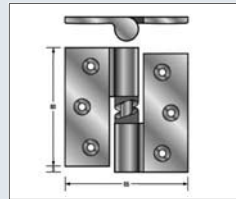
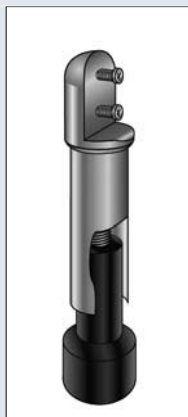


Adjustable Foot Assembly

- Stainless Steel
- To Suit
- 150mm
- 200mm
- 300mm
- off floor system
- (Specify when ordering)
- Note: 50mm of adjustment;
- Excl. 200mm leg -
- Min height 175mm, Max 225mm

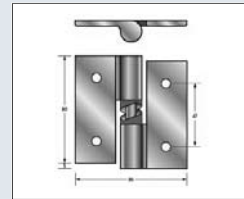
Adjustable Foot Assembly

- Finish -
- Stainless Steel
- Base -
- Nylon



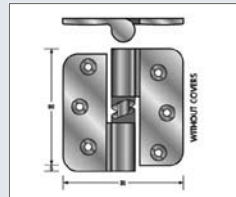
Gravity Hinge

- Diecast Zinc, Stainless Steel Shaft, Nylon Inserts
- Satin Chrome Finish
- Specify Left or Right Hand



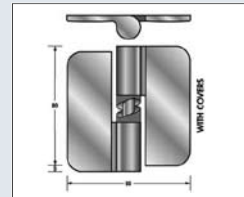
Gravity Hinge

- Diecast Zinc, Stainless Steel Shaft, Nylon Inserts
- Satin Chrome Finish
- Specify Left or Right Hand



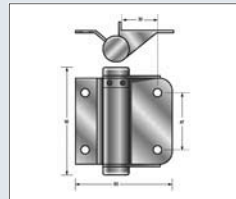
Gravity Hinge

- Diecast Zinc, Stainless Steel Shaft, Nylon Inserts
- Specify Left or Right Hand



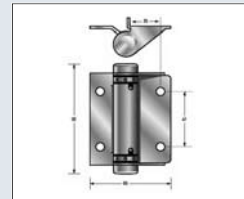
Gravity Hinge

- Stainless Steel, Nylon Inserts, ABS Cover
- Specify Left or Right Hand



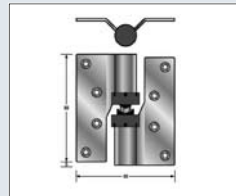
Spring Hinge

- Brass
- Satin Chrome Finish
- Hold open or closed



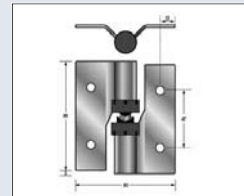
Spring Hinge

- Stainless Steel
- Hold open or closed



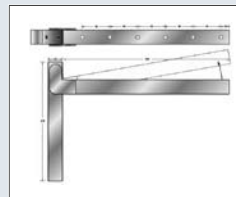
Gravity Hinge

- Stainless Steel, Nylon Inserts
- Specify Left or Right Hand
- Hold open or hold closed



Gravity Hinge

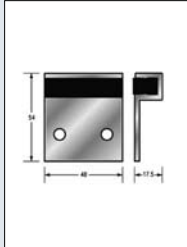
- Stainless Steel, Nylon Inserts
- Specify Left or Right Hand
- Hold open or hold closed



Lift-up Seat Bracket

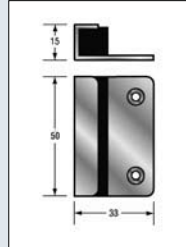
- Stainless Steel

Bumpers/Misc. componentry



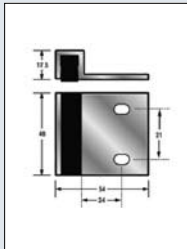
Bumper

- Brass
- Satin Chrome Finish



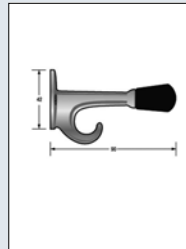
Edge Mounted Bumper

- Stainless Steel



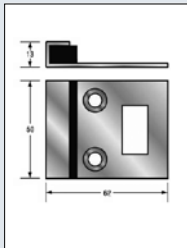
Bumper

- Brass
- Satin Chrome Finish
- Shown-31mm CTOC
- Not Shown-35mm CTOC



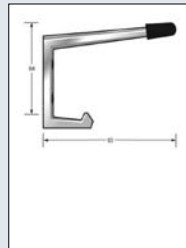
Coat Hook

- Diecast Zinc
- Satin Chrome Finish



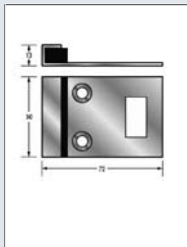
Combined Bumper Staple

- Brass
- Satin Chrome Finish
- (Suit 18mm Door)



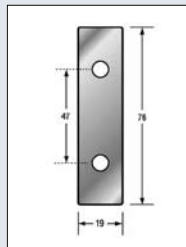
Coat Hook

- Diecast Zinc
- Satin Chrome Finish



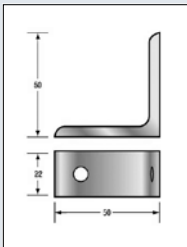
Combined Bumper Staple

- Brass
- Satin Chrome Finish
- (Suit 33mm Door)



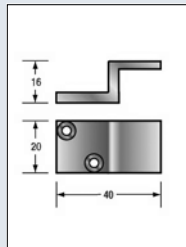
Face Plate

- Stainless Steel
- Satin Stainless Steel,
- Bright Stainless Steel
- Finish
- For bolt through systems



Angle Bracket

- Brass
- Satin Chrome or
- Bright Chrome Finish



Z Staple

- Brass
- Satin Chrome Finish



Acorn Nut

- Nickel Plated or
- Bright Nicked Plated
- Finish



Threaded Rod

- Zinc Plated
- Various Lengths
- When ordering, nominate
- thickness of material

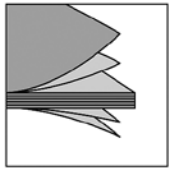
HPL Compact Sheets provide the following excellent advantages:

- Good dimension stability and flatness
- Self supporting ability
- Toughness - resistance to impact and breakage
- Especially high resistance to the effect of water and steam
- Insensitivity to temperature changes - heat & frost
- Non-corrosive and durable
- High colour fastness
- Easily cleanable
- Biologically harmless
- Meets highest hygiene and sterile requirements for both the surface and edges
- Resistant to organic solvents
- Little electrostatic build up - no dust gathering
- Ease of installation - variations of demountable systems offer room saving possibilities
- Simple to work and process
- Good fire performance - little smoke develops and does not melt or drip. FR grades can provide Class 1 BS476 Pt 7 Spread of Flame and over a certain thickness Class 0 Building Regulations.



Compact HPL

PRODUCT CONSTRUCTION



Overlay
Design
Core
Design
Overlay

10mm Duropal Compact hpl with Microplus

ADVANTAGES

- Hygienic
- Durable
- Safe for use with food
- Strong
- Colour-fast
- Heat Resistant
- Water Resistant
- Resistant to impact, scratches and abrasion
- Self-supporting from a Thickness of 6mm
- Light-fast
- Strong in Design
- Resistant to chemicals
- Resistant to organic solvents
- No electrostatic charge

APPLICATIONS

- Hospitals
- Healthcare
- Sanitary Areas
- Laboratories
- Partitions
- Kitchens
- Hotels
- Interior Design Projects
- Shop-fitting
- Tables
- Cupboards
- Wall panelling
- Furniture and Interior construction
- Ship construction

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Decorative Surfaces Division

DUROPAL®

thermopal

PELLEGRIN®

TEKFORM

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