



DJR Consulting Services (Pty) Ltd



Index

1. Commitment to Quality
2. Straight Edge
3. Straight Edge Coloured Finishes
4. Formable Edge
5. Round Edge
6. Square Edge
7. 45 Ramp
8. Tile In Step
9. Retrofit Stair Nosing
10. Retrofit Ramp
11. Large Transition Ramp
12. Tile In Internal Angle
13. Listello
14. Retrofit / Pencil Listello
15. Mosaic Edge
16. Carpet To Tile
17. Vari Strip
18. Cover Strip
19. T-Piece
20. Carpet Tile Nosing
21. Carpet Square Edge
22. Retro Corner Protector
23. Tile In Corner Protector
24. Dividing Strip
25. Heavy Duty Movement Joint
26. PVC Movement Joint
27. PVC Round Edge
28. PVC Internal Seal Strip
29. PVC Flexible Seal
30. Wooden Floor Profiles
31. LVT / SPC Floor Profiles
32. Naplock, Thriftline & Tread Cover
33. Tile Spacers & Self-Levelling Tile Spacers
34. Laminate Floor Underlay, Wedge & SpillGuard
35. Laminate Floor Protector and Cleaner
36. Material Specifications
37. Recommendation for Placing & Testing Movement Joints
38. Installation Procedures
39. Harmful Chemicals
40. Cleaning Procedures

All products are suitable for commercial and domestic applications.

1. Commitment to Quality

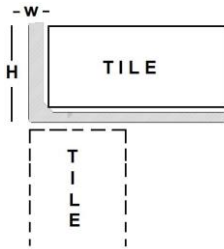
DJR Consulting Services (Pty) Ltd is a manufacturer and supplier of edge trims and expansion joints. The products come in a variety of different materials including Aluminium, Brass, Stainless Steel and PVC. All products have specialist uses for wall and floor tiles as well as carpet, wooden and laminate floor edging. Apart from the quality products with the best price, our ability to respond to requests and to deliver speedily makes all the difference for our customers. DJR Consulting Services (Pty) Ltd has been committed to being the supplier of choice since 1999.

- ✓ All raw materials are purchased from ISO 9002 approved suppliers.
- ✓ All products are manufactured to meet or exceed the accepted industry specifications for ceramic tile protection and movement joint products.
- ✓ SABS and Independent Laboratory tests have been conducted in order to ensure that we either meet or exceed the accepted industry standards.
- ✓ To ensure the quality of the products, random tests from every production run are carried out.
- ✓ The manufacturing quality of the entire range of products carries a guarantee. This is subject to the correct selection of product for the application, the correct usage of adhesives and an acceptable standard of installation and workmanship.

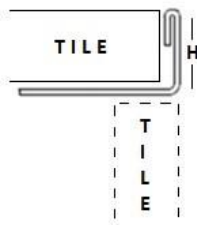
All products are suitable for commercial and domestic applications.

2. Straight Edge

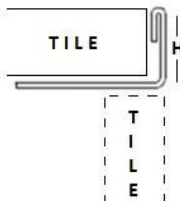
The Straight Edge profiles are designed to provide a clean and straight finish to all tiling applications. It also provides a protective edge to floor and wall surfaces. This product is available in Aluminium, Brass and Stainless Steel as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas.



Aluminium



Stainless Steel



Brass

Code	Height mm	Width mm	Length m
Aluminium			
SEA4	4	3	2.5
SEA5	5	3	2.5
SEA6	6	3	2.5
SEA8	8	3	2.5
SEA10	10	3	2.5
SEA12	12	3	2.5
SEA15	15	3	2.5
SEA17	17	3	2.5
SEA225	22.5	3	2.5
Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request			
Stainless Steel			
SES6	6	2	2.5
SES8	8	2	2.5
SES10	10	2	2.5
SES12	12	2	2.5
SES15	15	2	2.5
SES17	17	2	2.5
SES225	22.5	2	2.5
The following grades are available: Grade 430: Indoor, outdoor, dry areas - polished finish only Grade 304: Indoor, outdoor, humid / damp areas - not near the sea Grade 316: Marine grade Brushed finish available for all the above grades			
Brass			
SEB8	8	2	2
SEB10	10	2	2
SEB12	12	2	2
SEB15	15	2	2
SEB17	17	2	2
SEB225	22.5	2	2

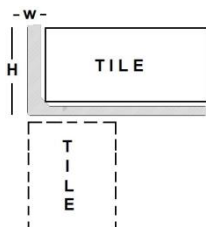
All products are suitable for commercial and domestic applications.



DJR Consulting Services (Pty) Ltd

3. Straight Edge – Coloured Finishes

The Straight Edge profiles are designed to provide a clean and straight finish to all tiling applications. It also provides a protective edge to floor and wall surfaces. Anodised and powder coated finishes are not advised for high traffic floor areas. The table below lists the anodised and powder coated colours available.



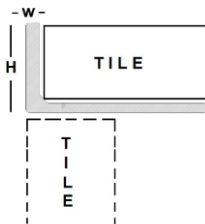
Aluminium				
Coloured Anodised Finishes				
SEA05A	5	3	2.5	Polished Silver
SEA08A	8	3	2.5	Polished Silver
SEA10MS	10	3	2.5	Matt Silver
SEA10A	10	3	2.5	Polished Silver
SEA12A	12	3	2.5	Polished Silver
SEA10MBR	10	3	2.5	Matt Brass
SEA10BR	10	3	2.5	Polished Brass
SEA10B	10	3	2.5	Bronze
SEA12B	12	3	2.5	Bronze
SEA10MT	10	3	2.5	Matt Titanium
SEA12MT	12	3	2.5	Matt Titanium
SEA10SHT	10	3	2.5	Shiny Titanium
SEA12SHT	12	3	2.5	Shiny Titanium
SEA10MG	10	3	2.5	Matt Gold
SEA12MG	12	3	2.5	Matt Gold
SEA10SHS	10	3	2.5	Shiny Sand
SEA12SHS	12	3	2.5	Shiny Sand
SEA10MSA	10	3	2.5	Matt Sand
SEA12MSA	12	3	2.5	Matt Sand
SEA10SLB	10	3	2.5	Light Bronze Shiny
SEA12SLB	12	3	2.5	Light Bronze Shiny
SEA10MLB	10	3	2.5	Light Bronze Matt
SEA12MLB	12	3	2.5	Light Bronze Matt
SEA10MR	10	3	2.5	Matt Rose
SEA12MR	12	3	2.5	Matt Rose
SEA10SR	10	3	2.5	Shiny Rose
SEA12SR	12	3	2.5	Shiny Rose
Other anodised colours and sizes available on request				
Coloured Powder Coated Finishes				
SEA8BL	8	3	2.5	Black
SEA8W	8	3	2.5	White
SEA10BL	10	3	2.5	Black
SEA10W	10	3	2.5	White
SEA12BL	12	3	2.5	Black
SEA12W	12	3	2.5	White
Other powder coated colours and sizes available on request				

All products are suitable for commercial and domestic applications.

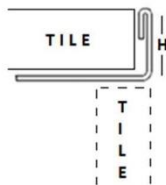
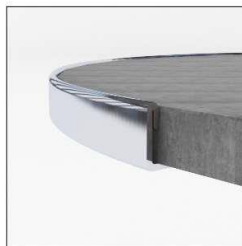


4. Formable Edge

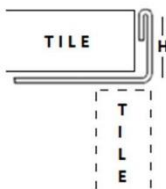
The Formable Edge profiles are designed to accommodate curved flooring areas. This is a necessity as it preserves the outlines of the shaped flooring designs. It offers a decorative and functional tile edge protection. This product is available in Aluminium, Brass and Steel as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas.



Aluminium



Stainless Steel



Brass

Code	Height mm	Width mm	Length m
Aluminium			
FEA4	4	3	2.5
FEA5	5	3	2.5
FEA6	6	3	2.5
FEA8	8	3	2.5
FEA10	10	3	2.5
FEA12	12	3	2.5
FEA15	15	3	2.5
FEA17	17	3	2.5
FEA225	22.5	3	2.5

Coloured Finishes

The standard range of anodised colours are:

Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B)

Other anodised and powder coated colours and sizes available on request

Stainless Steel			
FES8	8	2	2.5
FES10	10	2	2.5
FES12	12	2	2.5
FES15	15	2	2.5
FES17	17	2	2.5
FES225	22.5	2	2.5

Grade 430: Indoor, outdoor, dry areas - polished finish only

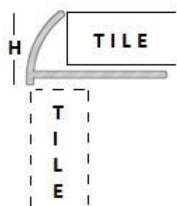
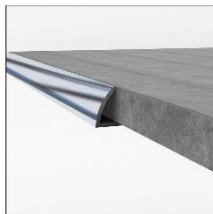
Brass			
FEB8	8	2	2
FEB10	10	2	2
FEB12	12	2	2
FEB15	15	2	2
FEB17	17	2	2
FEB225	22.5	2	2

All products are suitable for commercial and domestic applications.

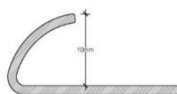


5. Round Edge

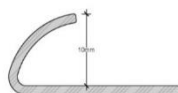
The Round Edge profiles are an alternative to the Straight Edge profiles. The main difference is the semi-round face. It is designed to protect the edges of tiles on floors and walls efficiently providing function, performance and aesthetics. This product is available in Aluminium, Brass and Stainless Steel as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas.



Aluminium



Stainless Steel



Brass

Code	Height mm	Width mm	Length m
Aluminium			
REA8	8	—	2.5
REA10	10	—	2.5
REA12	12	—	2.5

Coloured Finishes			
<p>The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR) Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request</p>			

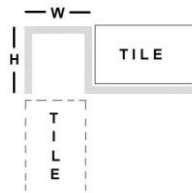
Stainless Steel			
RES10	10	—	2.5
RES12	12	—	2.5
<p>The following grades are available: Grade 430: Indoor, outdoor, dry areas - polished finish only Grade 304: Indoor, outdoor, humid / damp areas - not near the sea Grade 316: Marine grade Brushed finish available for all the above grades Other sizes available on request</p>			

Brass			
REB10	10	—	2
REB12	12	—	2
Other sizes available on request			

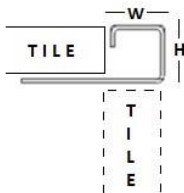
All products are suitable for commercial and domestic applications.

6. Square Edge

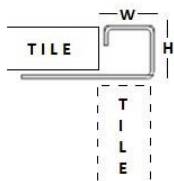
The Square Edge profiles are used to protect the vulnerable edges in all tiling environments. This is a versatile product that can be used vertically and horizontally as a feature strip in both wall and floor applications. Anodised and powder coated finishes are not advised for high traffic floor areas.



Aluminium



Stainless Steel



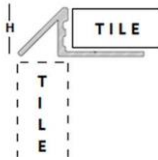
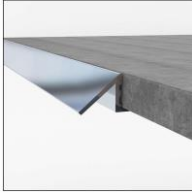
Brass

Code	Height mm	Width mm	Length m	Colour
Aluminium				
QEA6	6	8	2.5	—
QEA8	8	8	2.5	—
QEA10	10	10	2.5	—
QEA12	12	10	2.5	—
Coloured Anodised Finishes				
QEA6A	6	8	2.5	Polished Silver
QEA8A	8	8	2.5	Polished Silver
QEA10A	10	10	2.5	Polished Silver
QEA10BR	10	10	2.5	Polished Brass
QEA12A	12	10	2.5	Polished Silver
QEA12BR	12	10	2.5	Polished Brass
QEA12SR	12	10	2.5	Shiny Rose
Other anodised colours and sizes available on request				
Coloured Powder Coated Finishes				
QEA08BL	8	8	2.5	Black
QEA08W	8	8	2.5	White
QEA10BL	10	10	2.5	Black
QEA10W	10	10	2.5	White
QEA12BL	12	10	2.5	Black
QEA12W	12	10	2.5	White
Other powder coated colours and sizes available on request				
Stainless Steel				
OES8	8	8	2.5	2.5
OES10	10	10	2.5	2.5
OES12	12	10	2.5	2.5
OES15	15	10	2.5	2.5
OES225	22.5	10	2.5	2.5
The following grades are available: Grade 304: Indoor, outdoor, humid / damp areas – not near the sea Grade 316: Marine grade Brushed finish available for all the above grades Other sizes available on request				
Brass				
QEB8	8	8	2	2
QEB10	10	10	2	2
QEB12	12	10	2	2
QEB15	15	10	2	2
QEB225	22.5	10	2	2
Other sizes available on request				

All products are suitable for commercial and domestic applications.

7. 45 Ramp

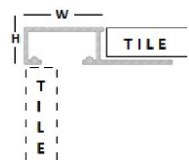
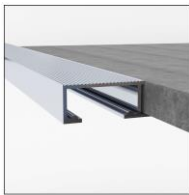
The 45 Ramp profiles are used specifically to transition between different floor covering well as protecting the brittle exposed ceramic tile edges. Anodised and powder coated finishes are not advised for these profiles.



Code	Height mm	Width mm	Length m
Aluminium			
RA4510	10	—	2.5
RA4512	12	—	2.5

8. Tile In Step

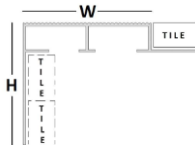
The Tile In Step profiles are designed to be installed during the tiling process to protect and to extend the life of the ceramic tiles used while completing the finished look of the stairs. This Aluminium profile is produced in two sizes and in anodised colours, although anodising is not advised for these profiles.



Code	Height mm	Width mm	Length m
Aluminium			
TSA10	10	25	2.5
TSA12	12	25	2.5

a. Large Tile In Step

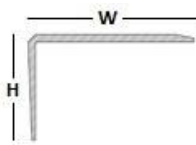
The Large Tile In Step profile is adapted from the Tile In Step. The surface area of the Tile In Step has been increased to create the Large Tile In Step Profile. This is perfect for bigger and deeper steps. This is also suited for heavy duty areas that require more protection.



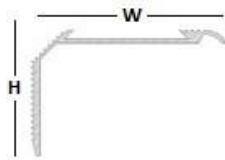
Code	Height mm	Width mm	Length m
Aluminium			
LTSA12	12	55	2.5

9. Retrofit Stair Nosing

The Retrofit Stair Nosing profiles are used on existing tiled stairs to provide protection to vulnerable exposed ceramic edges. It is also the solution to cover existing damage as well as being slip resistant providing function, performance and aesthetics. This Aluminium product is also available with PVC inserts in various lengths and PVC colours. Anodised and powder coated finishes are not advised for high traffic floor areas.

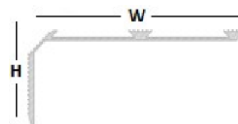


Code	Height mm	Width mm	Length m
Aluminium			
RET3	28	44	3
RET25	28	44	2.5
RET1	28	44	1
Coloured Finishes			
<p>The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes are available on request</p>			



With Single PVC Insert			
RETS3	28	44	3
RETS25	28	44	2.5

With Double PVC Insert			
RETD3	28	75	3
RETD25	28	75	2.5



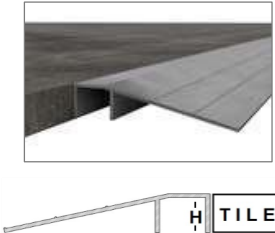
PVC Inserts				
Code	Height mm	Width mm	Length m	Colour
INSWH	5	28	2.5	White
INSGR	5	28	2.5	Grey
INSBL	5	28	2.5	Black

PVC Insert Colours
<p>The standard colours for this profile are: White (W), Black (B), Grey (G) and Brown (B) Other colours are available on request subject to quantity required</p>

All products are suitable for commercial and domestic applications.

10. Retrofit Ramp

The Retrofit Ramp profiles are used specifically to transition between different floor covering heights as well as protecting the brittle exposed ceramic tile edges. This profile is designed to be used post flooring application. This product is available in Aluminium.



Code	Height mm	Width mm	Length m
Aluminium			
RARET	12	50	2.5

11. Large Transition Ramp

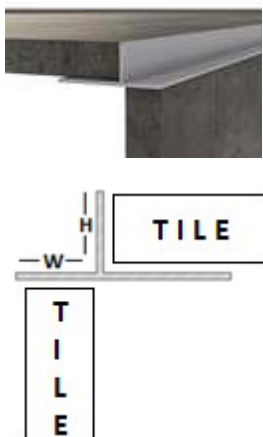
The Large Transition Ramp profiles are used specifically to transition between different floor covering heights for larger areas.



Code	Height mm	Width mm	Length m
Aluminium			
TRA3L	—	76	3

12. Tile In Internal Angle

The Tile In Internal Angle profiles can be used to create the opposite effect of a square edge when protecting corners on wall or columns. The Tile in Internal Angle profiles are available in Aluminium as per the table below.

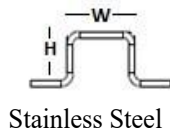
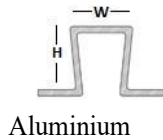


Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B)			
Other anodised and powder coated colours and sizes available on request			
Code	Height mm	Width mm	Length m
Aluminium			
TIICA12	12	12	2.5

All products are suitable for commercial and domestic applications.

13. Listello

The Listello products are designed to create an everlasting elegant decorative look for tiled wall coverings. The Aluminium, Stainless Steel and Retrofit Listello profiles are available in various heights and coloured finishes



Code	Height mm	Width mm	Length m
Aluminium			
LIS10	10	10	2.5
LIS12	12	10	2.5
LIS30	10	30	2.5

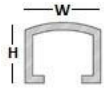
Coloured Finishes			
<p>The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request</p>			

Stainless Steel			
LISS10	10	20	2.5
LISS12	12	20	2.5
<p>Other sizes and options available on request The following grades are available: Grade 430: Indoor, outdoor, dry areas - polished finish only Grade 304: Indoor, outdoor, humid / damp areas - not near the sea Grade 316: Marine grade Brushed finish available for all the above grades</p>			

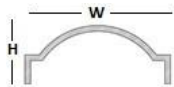
All products are suitable for commercial and domestic applications.

14. Retrofit / Pencil Listello

The Retrofit / Pencil Listello products are designed to create an everlasting elegant decorative look for tiled wall coverings. The Aluminium Retrofit / Pencil Listello profiles are available as per the table below.



Code	Height mm	Width mm	Length m	Colour
Aluminium				
LESN10A	8	10	2.5	Polished Silver
LESN10BR	8	10	2.5	Polished Brass
LESN10BRU	8	10	2.5	Brushed
LESN12A	10	12	2.5	Polished Silver



Code	Height mm	Width mm	Length m	Colour
Aluminium				
LESN25A	5	25	2.5	Polished Silver

All products are suitable for commercial and domestic applications.

15. Mosaic Edge

The Mosaic Edge profiles are used to protect the vulnerable edges in all tiling environments. This is a versatile product that can be used vertically and horizontally as a feature strip in both wall and floor applications. The Mosaic Edge profiles are available in Anodised Polished Silver Aluminium as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas.

Code	Height mm	Width mm	Length m
Aluminium			
QEL05A	5	5	2.5
QEL08A	8	8	2.5
QEL10A	10	10	2.5



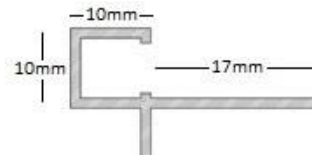
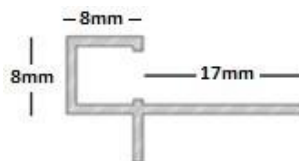
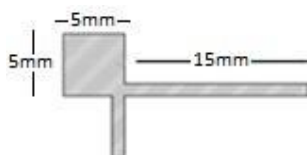
Mosaic Edge 5mm



Mosaic Edge 8mm



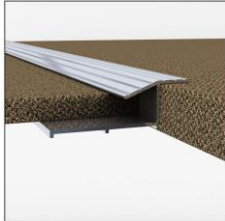
Mosaic Edge 10mm



All products are suitable for commercial and domestic applications.

16. Carpet To Tile

The Carpet to Tile profiles is used as a transitioning means between carpet and other flooring installations to preserve the edges and outlines. The gripper teeth have been created to hold the carpet in the desired position. This Aluminium product is 20mm wide and available in different lengths as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas



Code	Height mm	Width mm	Length m
Aluminium			
CTT25	—	20	2.5
CTT1	—	20	1
Coloured Finishes			
The standard anodised colour for this profile is Bronze (B) Other anodised and powder coated colours and sizes available on request			

17. Vari Strip

The Vari Strip profiles are a rounded alternative to the Carpet to Tile profiles. The rounded face allows for smoother traffic transitions between carpet and other flooring installations. The gripper teeth have been created to hold the carpet in the desired position. This Aluminium product is 28mm wide and available in different lengths and anodised finishes as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas.

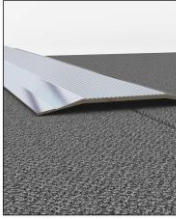


Code	Height mm	Width mm	Length m
Aluminium			
VAR25	—	28	2.5
VAR1	—	28	1
Coloured Finishes			
The standard anodised colour for this profile is Bronze (B) Other anodised, powder coated colours and sizes available on request			

All products are suitable for commercial and domestic applications.

18. Cover Strip

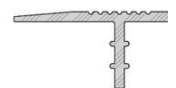
The Cover Strip profiles are designed to cover gaps or edges in flooring installations. This Aluminium profile is 40mm wide and available in different lengths as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas but are available in the standard colours.



Code	Height mm	Width mm	Length m
Aluminium			
CSA3	—	40	3
CSA25	—	40	2.5
CSA1	—	40	1
Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request			

19. T-Piece

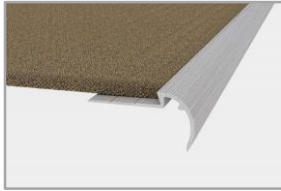
The T-Piece profiles are used as dividing strips between different flooring surfaces. It also acts as a protective solution. This Aluminium profile is 22mm wide as per the table below. Anodised and powder coated finishes are not advised for high traffic floor areas.



Code	Height mm	Width mm	Length m
Aluminium			
TEE	—	22	2.5
Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request			

20. Carpet Tile Nosing

The Carpet Tile Nosing profiles are designed to join carpets to other flooring applications. These profiles are used specifically when dealing with a transition of carpet to certain types of staircases. Anodised and powder coated finishes are not advised for high traffic floor areas but are available in the standard colours.



Code	Height mm	Width mm	Length m
Aluminium			
CTN25	30	66	2.5
Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request			

21. Carpet Square Edge (Fast Edge)

The Carpet Square Edge profiles are used to protect the vulnerable edges in carpet applications. Anodised and powder coated finishes are not advised for high traffic floor areas but are available in the standard colours.

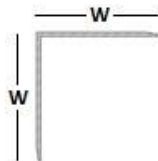


Code	Height mm	Width mm	Length m
Aluminium			
FEDGE25	10	40	2.5
Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request			

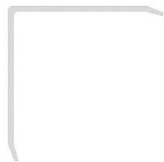
All products are suitable for commercial and domestic applications.

22. Retro Corner Protector

The Retro Corner Protector profiles are used to provide protection on external corners. This profile is a cosmetically effective solution to prevent and repair existing damage. There are Aluminium, Brass and Stainless-Steel options as per the table below.



Aluminium



Stainless Steel



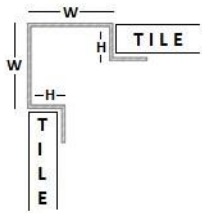
Brass

Code	Width mm	Width mm	Length m
Aluminium			
ANG12	12.7	12.7	3
ANG19	19	19	3
ANG25	25	25	3
ANG38	38	38	3
ANG50	50	50	3
Other sizes available on request			
Stainless Steel			
From 12mm wide x 0.7mm thickness upwards			
SRC30	30	30	2.5
SRC50	50	50	2.5
Other sizes available on request The following grades are available: Grade 430: Indoor, outdoor, dry areas - polished finish only Grade 304: Indoor, outdoor, humid / damp areas - not near the sea Grade 316: Marine grade Brushed finish available for all the above grades			
Brass			
BRC30	30	30	2
BRC50	50	50	2
Other sizes available on request			

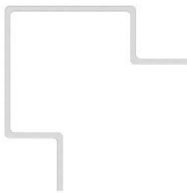
All products are suitable for commercial and domestic applications.

23. Tile In Corner Protector

The Tile in Corner Protector is designed to protect the external corners of walls and columns when the tiling is being done to avoid future chipping and breakages, while providing an elegant finish. This product is available in Aluminium, Brass and Stainless Steel as per the table below.



Aluminium



Stainless Steel



Brass

Code	Height mm	Width mm	Length m
Aluminium			
TICPA10	10	30 x 30	2.5
TICPA12	12	30 x 30	2.5
Coloured Finishes			
The standard range of anodised colours are: Polished Silver (A), Matt Silver (SC), Polished Brass (BR), Matt Brass (MBR) and Bronze (B) Other anodised and powder coated colours and sizes available on request			
Stainless Steel			
STIC3010	10	30 x 30	2.5
STIC3012	12	30 x 30	2.5
STIC5010	10	50 x 50	2.5
STIC5012	12	50 x 50	2.5
The following grades are available: Grade 430: Indoor, outdoor, dry areas - polished finish only Grade 304: Indoor, outdoor, humid / damp areas - not near the sea Grade 316: Marine grade Brushed finish available for all the above grades Other sizes available on request			
Brass			
BTIC3010	10	30 x 30	2
BTIC3012	12	30 x 30	2
BTIC5010	10	50 x 50	2
BTIC5012	12	50 x 50	2
Other sizes available on request			

All products are suitable for commercial and domestic applications.

24. Dividing Strip / Flat Bar / Weather Bar / Skirting

The Dividing Strip profiles are also known as weather strips. It has a functional and decorative purpose as it is used to fill gaps and divide different flooring applications. The Dividing Strip profiles are available in Aluminium, Brass and Stainless Steel as per the table below.



Code	Height mm	Width mm	Length m
Aluminium			
FLA25	25	3	Various
FLA38	38	3	Various
FLA50	50	3	Various
Other sizes available on request			
Skirting	From 12mm upwards	0.7	Various

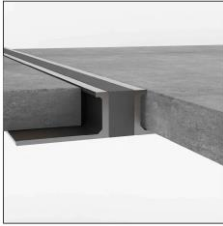
Stainless Steel			
Grade 304	From 25mm upwards	3	Various
Grade 430	From 25mm upwards	1.6	Various
Skirting	From 12mm upwards	0.7	Various
The following grades are available: Grade 430: Indoor, outdoor, dry areas - polished finish only Grade 304: Indoor, outdoor, humid / damp areas - not near the sea Grade 316: Marine grade Brushed finish available for all the above grades			

Brass			
FLB25	25	3	Various
FLB40	40	3	Various
Other sizes available on request			
Skirting	From 12mm upwards	0.7	Various

All products are suitable for commercial and domestic applications.

25. Heavy Duty Movement Joint

The Heavy Duty Movement Joints are designed to allow for the movement in the tile panels to prevent ceramic tiles from cracking or lifting. They can be used in both medium and heavy-duty applications. These products are available with a black or grey infill with other colours available on request.



Code	Height mm	Width mm	Length mm
Aluminium			
HDA8	8	12	2.5
HDA10	10	12	2.5
HDA12	12	12	2.5
HDA15	15	12	2.5
HDA17	17	12	2.5
HDA225	22.5	12	2.5
Stainless Steel			
HDS8	8	12	2.5
HDS10	10	12	2.5
HDS12	12	12	2.5
HDS15	15	12	2.5
HDS17	17	12	2.5
HDS225	22.5	12	2.5
Available in grade 430, 304 and 316			
Brass			
HDB8	8	12	2
HDB10	10	12	2
HDB12	12	12	2
HDB15	15	12	2
HDB17	17	12	2
HDB225	22.5	12	2
SABS Test Results			
Product	Elongation	Compression	
HDA225	44.0%	33.7%	
HDB225	47.4%	30.0%	
HDB12	50.3%	32.8%	
HDS10	69.2%	28.0%	
HDA10	38.7%	33.6%	
Accepted industry standard = Minimum of 20%			

All products are suitable for commercial and domestic applications.

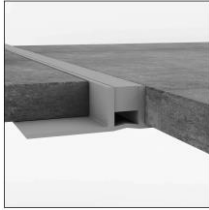
26. PVC Movement and Compression Joint



D.J.R. Consulting Services (Pty) Ltd

Joint

The PVC Movement Joints are an alternative to the metal movement joints also used for movement management to prevent ceramic tiles from cracking or lifting. A Compression joint is another option that can be used to allow for expansion and contraction of floor coverings. These products are made with certified impact and UV resistant, non-toxic, lead free, organic, virgin PVC



Movement Joint



Movement Joint



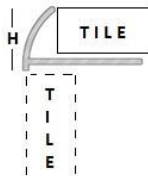
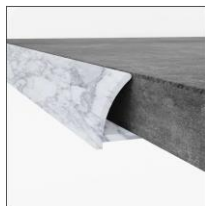
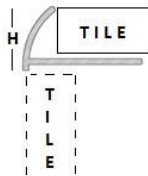
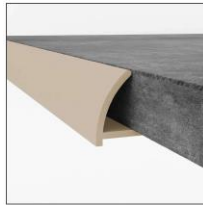
Compression Joint

Code	Height mm	Width mm	Length mm
Movement Joint			
PVCMJ8	8	10	2.5
PVCMJ10	10	10	2.5
PVCMJ12	12	10	2.5
Compression Joint			
PVCCJ8	8	10	2.5
PVCCJ10	10	10	2.5
PVCCJ12	12	10	2.5
Coloured Finishes			
The above profiles are available in: Light Grey and Dove Grey Other colours are available on request subject to quantity required			

All products are suitable for commercial and domestic applications.

27. PVC Round Edge

The PVC Edge Trims are available as an alternative to the metal edge trims, designed to protect corners and cover uneven wall coverings providing function, performance and aesthetics. These products are available in a variety of different heights, colours and finishes including different coloured marble and foiled finishes. These products are made with certified impact and UV resistant, non-toxic, lead free, organic, virgin PVC.



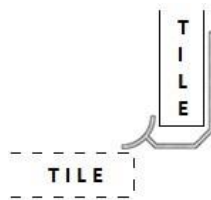
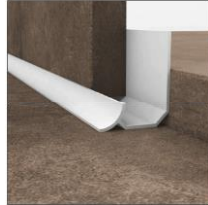
Code	Height mm	Width mm	Length mm
PVC07	7	—	2.4
PVC09	9	—	2.4
PVC12	12	—	2.4

Standard PVC Colours
White (W)
Buff (B)
Ivory (IV)
Light Brown (LB)
Light Grey (LG)
Dark Grey (DG)
Black (BL)
Terracotta (T)
Cappuccino (C)
Dark Brown (DB)
Other colours available on request subject to quantity required
Standard Marble Colours
Beige / Brown (MBB)
Silver / Grey (MBSG)
Light Brown (MBLB)
Light Grey (MBLG)
Black (MBL)
Other colours available on request subject to quantity required

All products are suitable for commercial and domestic applications.

28. PVC Internal Seal Strip

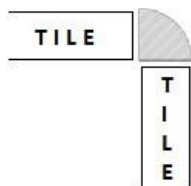
The PVC Internal Seal Strip is designed to be rigid and curved to provide a variety of functions. This profile seals horizontal and vertical surfaces when the tiling is being done. These products are made with certified impact and UV resistant, non-toxic, lead free, organic, virgin PVC available in different colours.



Code	Height mm	Width mm	Length mm
PVCISS	—	—	2.5
Standard PVC Colours			
White (W)			
Buff (B)			
Ivory (IV)			
Light Brown (LB)			
Light Grey (LG)			
Dark Grey (DG)			
Black (BL)			
Terracotta (T)			
Cappuccino (C)			
Dark Brown (DB)			
Other colours available on request subject to quantity required			

29. PVC Flexible Seal

The PVC Flexible Seal is a retrofit product that can be used to seal horizontal and vertical surfaces after tiling. These products are made with certified impact and UV resistant, non-toxic, lead free, organic, virgin PVC available in different colours as per the table above.

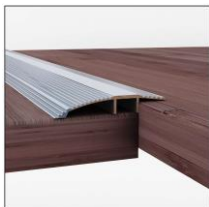


Code	Height mm	Width mm	Length mm
PVCFS9	9	8	3
PVCFS12	12	8	3
Colours available as per the table above			

30. Wood Floor Profiles

a. Wooden Reducer / Transition

The Wood Reducer / Transition is designed to be used to transition between various floor heights and coverings such as tiles to wood.



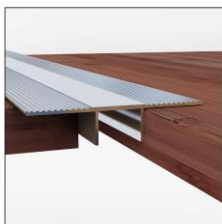
Code	Height mm	Width mm	Length mm
TRA25	—	44	2.5
TRA25B	—	44	2.5
TRA1	—	44	1
TRA1B	—	44	1

Coloured Finishes

The standard anodised colour for this profile is Bronze (B)
Other anodised and powder coated colours and sizes available on request

b. Wood Expansion

The Wood Expansion is designed as an efficient solution for bridging gaps in applications where the hard and smooth finishes on both sides are at the same height.



Code	Height mm	Width mm	Length mm
EXP25	—	33	2.5
EXP25B	—	33	2.5
EXP1	—	33	1
EXP1B	—	33	1

Coloured Finishes

The standard anodised colour for this profile is Bronze (B)
Other anodised and powder coated colours and sizes available on request



DJR Consulting Services (Pty) Ltd

c. Wood Stair Nosing

The Wood Stair Nosing profiles are designed to protect the edge of wooden stair edges. It also provides a clean, aesthetically pleasing look to the edge of stairs.



Code	Height mm	Width mm	Length mm
WNOSE25	19	11	2.5

Coloured Finishes

The standard anodised colour for this profile is Bronze (B)
Other anodised and powder coated colours and sizes available on request

d. Wood Edge

The Wood Edge is designed to protect the outlines and edges of flooring installations as well as allowing the necessary expansion and contraction to occur.



Code	Height mm	Width mm	Length mm
WOOD25	10	15	2.5
WOOD25B	10	15	2.5
WOOD1	10	15	1
WOOD1B	10	15	1

Coloured Finishes

The standard anodised colour for this profile is Bronze (B)
Other anodised and powder coated colours and sizes available on request

All products are suitable for commercial and domestic applications.

e. Wood End

The Wood End profiles are designed to be used to protect the vulnerable edges of wooden flooring applications. It finishes off the flooring and can be used in small gaps where wooden flooring may fall short.



Code	Height mm	Width mm	Length m
WEND25	14	33	2.5

Coloured Finishes

The standard anodised colour for this profile is Bronze (B)

Other anodised and powder coated colours and sizes available on request

31. LVT / SPC Floor Profiles

a. LVT / SPC Reducer / Transition

The Laminate / SPC Reducer / Transition profiles are designed to transition between laminate flooring and other flooring options. It serves both a functional and aesthetic need in a change in flooring applications. Anodised and powder coated finishes are not advised for high traffic floor areas but are available in the standard colours.



Code	Height mm	Width mm	Length mm	Colour
Aluminium				
LVTTRA25	—	33	2.5	—
LVTTRA25MS	—	33	2.5	Matt Silver
LVTTRA25MT	—	33	2.5	Matt Titanium
LVTTRA1	—	33	1	—
LVTTRA1MS	—	33	1	Matt Silver
LVTTRA1MT	—	33	1	Matt Titanium
Coloured Finishes				
Other anodised and powder coated colours and sizes available on request				

b. LVT / SPC Expansion

The Laminate / SPC Expansion profiles are designed to allow for expansion and contraction of laminate flooring. This increases the longevity of this specific type of flooring application.

All products are suitable for commercial and domestic applications.

Anodised and powder coated finishes are not advised for high traffic floor areas but are available in the standard colours.



Code	Height mm	Width mm	Length m	Colour
Aluminium				
LVTEXP25	—	28	2.5	—
LVTEXP25MS	—	28	2.5	Matt Silver
LVTEXP25MT	—	28	2.5	Matt Titanium
LVTEXP1	—	28	1	—
LVTEXP1MS	—	28	1	Matt Silver
LVTEXP1MT	—	28	1	Matt Titanium
Coloured Finishes				
Other anodised and powder coated colours and sizes available on request				

c. LVT / SPC Stair Nosing

The Laminate / SPC Stair Nosing profiles are designed to protect the edge of laminate stair edges. It also provides a clean, aesthetically pleasing look to the edge of stairs. Anodised and powder coated finishes are not advised for high traffic areas but are available in the standard colours.



Code	Height mm	Width mm	Length mm	Colour
Aluminium				
LVTSN25	15	18	2.5	—
LVTSN25MS	15	18	2.5	Matt Silver
LVTSN25MT	15	18	2.5	Matt Titanium
LVTSN1	15	18	1	—
LVTSN1MS	15	18	1	Matt Silver
LVTSN1MT	15	18	1	Matt Titanium
Coloured Finishes				
Other anodised and powder coated colours and sizes available on request				

d. Retro 21 x 21 Stair Nosing

The Retro 21 x 21 Stair Nosing profiles are an alternative to the standard Retrofit Stair Nosing. It serves both a protective and aesthetic function in this type of application. Anodised and

All products are suitable for commercial and domestic applications.

powder coated finishes are not advised for high traffic areas but are available in the standard colours.

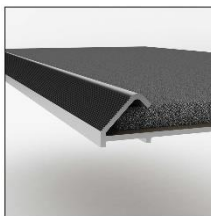


Code	Height mm	Width mm	Length mm	Colour
Aluminium				
RET21	21	21	2.5	—
RET21B	21	21	2.5	Bronze
RET21MS	21	21	2.5	Matt Silver
Coloured Finishes				
Other anodised and powder coated colours and sizes available on request				

32. Naplock, Thriftline & Tread Cover

a. Naplock

The Naplock profile is designed to finish and protect the edges of all carpet installations. The gripper teeth have been created to hold the carpet in the desired position.



Code	Height mm	Width mm	Length m
NAP25	—	—	2.5
NAP25B	—	—	2.5
NAP1	—	—	1
NAP1B	—	—	1

Coloured Finishes
The standard anodised colour for this profile is Bronze (B) Other anodised and powder coated colours and sizes available on request

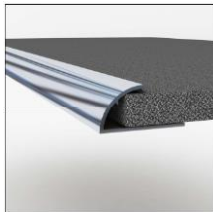
All products are suitable for commercial and domestic applications.



DJR Consulting Services (Pty) Ltd

b. Thriftline

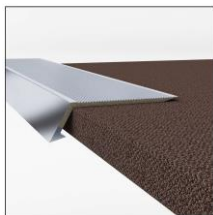
The Thriftline profile is similar to the Naplock profile but designed with a rounder face. This profile also comes with gripper teeth to hold the carpet in the desired position.



Code	Height mm	Width mm	Length m
THR25	—	—	2.5
THR25B	—	—	2.5
Coloured Finishes			
The standard anodised colour for this profile is Bronze (B) Other anodised and powder coated colours and sizes available on request			

c. Tread Cover

The Tread Cover is a transition profile to protect the edges of vinyl, laminated or carpeted thresholds.



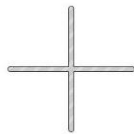
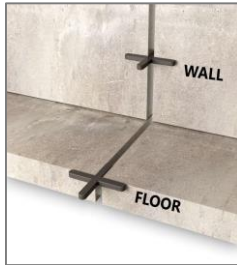
Code	Height mm	Width mm	Length m
TRE25	—	30	2.5
TRE25B	—	30	2.5
TRE1	—	30	1
TRE1B	—	30	1
Coloured Finishes			
The standard anodised colour for this profile is Bronze (B) Other anodised and powder coated colours and sizes available on request			

All products are suitable for commercial and domestic applications.

33. Tile Spacers & Self-Levelling Tile Spacers

a. Tile Spacers

Tile Spacers are a very clever innovation for maintaining the desired space between tiles when tiling is being done. They can be used in a vertical or horizontal orientation depending on the tiling application. The vertical option is especially recommended for heavy wall tile applications.



Code	Width mm	Spacers per Packet
SPA02	2	150
SPA03	3	120
SPA05	5	120
SPA06	6	120
SPA08	8	60
SPA10	10	60

b. Self-Levelling Tile Spacers

The Self-Levelling Tile Spacers are designed to keep the correct spacing and levels required during installation.



Code	Width mm	Quantity per Packet
SELF WEDGE	Self-Levelling Tile Wedge	50
SELF CLIP 1mm	Self-Levelling Tile Clip 1mm	100
SELF CLIP 2mm	Self-Levelling Tile Clip 2mm	100
SELF CLIP 3mm	Self-Levelling Tile Clip 3mm	100
SELF TOOL	Self-Levelling Tool	1

All products are suitable for commercial and domestic applications.

34. Laminate Floor Underlay, Wedge & SpillGuard

a. Laminate Floor Underlay

The Laminate Floor Underlay is installed under laminate flooring as a protection against dampness, moisture and any potential condensation. It also assists with a certain amount of sound absorption associated with laminate flooring.

Code	Thickness	Width	Micron	Virgin LDPE	Length Per Roll
2Ulay100	2mm	1m	80	100%	100m
2Ulay25	2mm	1m	80	100%	25m
2Ulay10	2mm	1m	80	100%	10m

Other sizes are available on request
 Other thicknesses are available on request
 Other Virgin / Recycled / HDPE blends are available on request

b. SpillGuard

SpillGuard is an alternative to underfelt for carpets installations. Whilst still offering the sound absorption and cushy under foot feeling, it also prevents moisture from seeping through carpets.

Code	Thickness	Width	Length Per Roll
SPL812	8mm	1250mm	50m
SPL815	8mm	1500mm	50m
SPL1012	10mm	1250mm	50m
SPL1015	10mm	1500mm	50m

c. Laminate Floor Wedge

The Laminate Floor Wedges are designed to keep the correct spacing between floors and walls when installing laminate flooring.



Code	Width mm	Wedges Per Packet
LMW	-	20

All products are suitable for commercial and domestic applications.

35. Laminate Floor Protector and Cleaner

a. Laminate Floor Protectors

These Laminate Felt Protectors have an adhesive backing that can be used to adhere to items such as table and chairs legs, to assist in protecting laminate flooring.

Code	Description	Size
LFP35LC	Large Circular	35mm
LFP30MC	Medium circular	30mm
LFP35LSQ	Large Square	35mm x 35mm
LFP30MSQ	Medium Square	30mm x 30mm

b. Laminate Floor Cleaners

Daily Cleaner has been developed for regular routine cleaning of all types of wood laminate floors and tile surfaces. It removes dirt, grease and light soiling, leaving a hygienically clean surface, whilst eliminating household odours. Stain Remover is to be used for the removal of sticky residues and stubborn stains from crayons, felt tip markers, shoe, oil and etc.

Code	Description	Size
LFCDL	Daily Cleaner - Spray	500ml
LFCDL	Daily Refill Concentrate	500ml
LFCSR	Stain Remover Spray	200ml

36. Material Specifications



DJR Consulting Services (Pty) Ltd

Aluminium									
Grade	Si %	Fe %	Cu %	Mg %	Cr %	Zn %	Ti %	Other %	Al %
6063	0.2 - 0.6	0.35	0.1	0.45 - 0.9	0.10	0.10	0.10	0.15	Bal

Anodising
All anodising is between 10 to 15 microns thick and in accordance with SANS 999. Please be aware that any alkaline product or material may cause damage to anodising.

Brass						
Cu %	Pb %	Sn %	Fe %	Ni %	Al %	Zn
55 – 55	1.3 - 2	0.2 max	0.4 max	0.2 max	0.60	Bal

Stainless Steel								
Grade	C%	Mn%	P%	S%	Si%	Cr%	Ni%	Mo%
430	0.1 0max	0.10 max	0.045 max	0.030 max	1.0 max	16.0 - 18.0	8.0 max	0
304	0.05 max	2 max	0.048 max	0.030 max	1 max	17.5 - 19.0	8.0 - 11.0	0
316	0.08 max	2 max	0.045 max	0.030 max	0.75 max	16.0 - 18 - 18.0	10.0 -14.0	2.0 - 3.0

Area Use Recommendations	
Grade 430	Indoor, outdoor, dry areas
Grade 304	Indoor, outdoor, humid / damp areas - not near the sea
Grade 316	Marine grade

PVC							
PVC	Density	Shore D	Tensile Strength	Elongation	Impact Strength	Softening Point	Flammability
Rigid	1.48 g/cm ³	84	57 Mpa	22%	300 KJ/m ²	83°C	Self-extinguishing
Flexible	1.41 g/cm ³	75	22 Mpa	292%	—	—	—

All products are suitable for commercial and domestic applications.

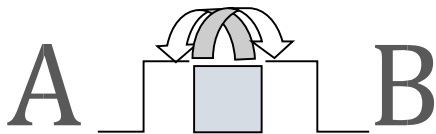
37. Recommendation for Placing & Testing Movement Joints

a. Recommendations for placing Movement Joints

- It should be noted that the lack of movement joints in a tile panel is a major cause of tile failure. They should be specified at the design stage to avoid placing them in heavy traffic areas and spoiling the visual effect of the tiles.
- Movement joints should be located in both directions at a maximum of 5 metre centres for interior surface bed applications and 3 metre centres for exterior or suspended / pre-stressed applications.
- Movement joints should also be made within 1 metre of all horizontal and vertical corners. Against obstructions fixed to the structural background and over all discontinuities in building materials, e.g. at interfaces of concrete and brickwork.
- Movement joints should also be located around the perimeter of all floors and around any fixtures protruding through the tiled surface such as columns or stairs.
- Install MOVEMENT JOINTS and PERIMETER JOINTS according to the installation instructions.
- MOVEMENT JOINTS AND PERIMETER JOINTS are available in Aluminium, Stainless Steel, Brass and PVC.
- MOVEMENT JOINTS AND PERIMETER JOINTS are available in a range of colours.
- For the key requirements common to all tiling situations, please refer to the SABS 0107-1996, Code of Practice for the Design and Installation of Ceramic Tiling.

b. Recommendations for Testing Movement Joints

- The correct procedure for testing casted expansion joints, is not to use a flexing motion but a bilateral pull to test the actual working and strength of movement joints.
- o Flex test – By using a flex test, a tearing motion is induced and will cause either the bonding or the material to fail, as the parameters of both material and bonding agent are overtaxed and cannot withstand the forces administered.



- o Bi-lateral test – By using a Bi-lateral test, where the product is pulled apart from the sides, a real-world application is in play. In other words, one side of the length is A and the opposite side is B. A and B are simultaneously pulled apart on horizontal level to induce a real-world effect, as it would work once installed.



- To achieve the quality that DJR Consulting Services (Pty) Ltd Movement joints are known for, an in house bilateral pull test is done to ensure that our movement joints meet or exceed the recommended specification.

38. Installation Procedures

Profile Selection

It is essential that the correct depth of profile is selected. The profile height must not be greater than the anticipated height of the tile and adhesive bed. If the depth of the profile is not correct, this can result in wear on the trim or damage to the adjacent tile.

Installation Steps

- Measure the length required
- Secure and clamp the trim in order to protect the trim while cutting takes place
- Make sure that the cutting implement is sharp and will not damage the product
- Cut the trim to the desired length
- Assess the position of the trim in relation to the tile layout and in accordance with any building regulations and good tiling practice
- Bed the trim into the adhesive layer
- Position the tile over the flange into the adhesive
- Ensure that the tile butts up against the edge of the trim, i.e. a grout joint is not necessary between the tile and the trim

For PVC Protection Film on Stainless Steel and Brass

- Remove the PVC protective film just before grouting

For Formable Edge Installations

- As above
- To obtain the required curve or form, bend the trim using only hand pressure
- Use the anchorage points provided on the trim to secure the trim into position

For Movement and Perimeter Joint Installations

- As above
- The tile should be positioned parallel to the trim allowing a 2mm gap for grouting
- **NB:** It must be noted that these joints are only suitable for use in conjunction with ceramic tiling as they are not intended for use as construction joints
- Ceramic Tile movement joints are not to be used above any construction joints

Should you feel that the product is not to your satisfaction, please do not install it, as no claim will be considered once the product has been installed.

39. Harmful Chemicals

In general products containing the following may cause damage however the list below is not all inclusive of other harmful chemicals. Always read the label of the product that you propose to use carefully.

Aluminium & Anodised:

- Most acids
- Some grout removing and tile cleaning products
- Chlorine containing chemicals
- Potassium or sodium hydroxide solutions
- Soda ash
- Trichloroethylene
- Bleach
- Vinegar

Brass:

- Most acids
- Some grout removing and tile cleaning products
- Ammonia
- Chlorine containing chemicals
- Potassium or sodium hydroxide solutions
- Milk
- Sea water
- Baking soda
- Bleach
- Vinegar

Stainless Steel:

- Most acids
- Some grout removing and tile cleaning products
- Tile cleaners containing hydrochloric acid / spirits of salts
- Hydrochloric acid (swimming pool acid)
- Sulphuric acid (battery acid)
- Undiluted bleach
- Vinegar advice

40. Cleaning Procedures

The best method for cleaning is quite simply soap or a mild detergent (such as SUNLIGHT LIQUID®) in warm water, applied with a soft cloth or synthetic sponge. Rinse in hot water, dry with a soft cloth or allow to drip dry. Occasionally, the use of a mild household cleaner and fine synthetic scourer or a brush with nylon bristles may be used. Routine cleaning applied over several days will generally remove heavy soiling and staining.

Use:

- Routine gentle cleaning as described above
- Cleaners showing suitable for Aluminium / Brass / Stainless Steel / PVC
- Repeated routine gentle cleaning rather than a single aggressive cleaning

Do Not Use:

- Coarse abrasive powders or chemicals such as:
- Metallic scourers
- Silver or brass cleaners on Stainless Steel

Routine Cleaning Stains - Problem & Solutions:

Adhesive Labels - Remove labels by soaking in a hot soapy solution and rubbing with a cloth or sponge. If adhesive remains, remove with a soft cloth soaked in alcohol (Methylated Spirits) or an organic solvent (Benzene). Follow with routine cleaning.

Tea and Coffee Stains - Use a thin paste of washing soda (sodium carbonate) or fine household cleaners with hot water on a synthetic scourer. Follow by routine cleaning.

Fingerprints - Pre-treat marks with alcohol or organic solvent. Follow by routine cleaning.

Grease, Fats, Oils - Wipe off excess with soft paper towel. Pre-soak in warm detergent. Follow by routine cleaning

Water Marks / Lime Scale - Prolonged soaking in a 25% vinegar solution will loosen the deposit. Followed by routine cleaning.

Chemicals - Hydrochloric acid (spirits of salts, swimming pool acid), sulphuric acid (battery acid), undiluted bleach, vinegar. If contact is made with the above rinse immediately with large volumes of water. If staining / damage has occurred contact SASSDA.

Information on Stainless Steel from Southern Africa Stainless Steel Development Association (SASSDA).