



W.Howard UK has 3 facilities; W.Howard Limited Head Office in Manchester and our Distribution Centres in West Thurrock, London and Albion Park in Glazebury, Warrington.

Our stock range of white primed, veneered and wrapped MDF profiles of over 100 lines is the largest in the UK, with an infinite number of bespoke profiles available to your specification.

MANCHESTER HEAD OFFICE & DISTRIBUTION CENTRE

W.Howard Limited,
Albion Park, Warrington Rd, Glazebury,
Warrington, WA3 5PG

LONDON DISTRIBUTION CENTRE

W.Howard London Collection & Distribution Centre
Unit 16, Thurrock Trade Park, Oliver Rd,
West Thurrock, Essex, RM20 3ED

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**WE MANUFACTURE
AND DISTRIBUTE
EUROPE'S WIDEST
RANGE OF
MDF PROFILES**




W.Howard manufacture and distribute Europe’s widest range of MDF profiles - skirtings, architraves, window boards, door linings and bespoke products. Our core range is one of the largest in Europe with over 100 lines. W.Howard customers comprise of builders’ merchants and specialist trade manufacturers.



MDF WALL PANELLING KIT P03

The new W.Howard wall panelling kit has been designed to make wall panelling a simple task. Easy to install, hard to ignore




VENEERED P05

Our Veneered MDF range gives the same look and feel as solid timber




FULLY FINISHED P09

Tell us the specification you require as we are able to manufacture and finish to your exact requirements



KOTA™ P11

KOTA™ is a factory finished, tough impact resistant solution that doesn’t need painting



FOIL P15

Wrapped MDF products offer a fully finished solution, no painting or decorating required



CONTEMPORARY PROFILES P21

Our contemporary range features Primed MDF profiles that complement current interior styles




CLASSIC PROFILES P23

Popular and widely used styles with all the benefits of Primed MDF



PERIOD PROFILES P25

Our Primed period profiles offer a classic style with all the benefits of MDF



WINDOW BOARDS P27

All of our Primed sills are moisture resistant MDF and made to last

W.HOWARD

M D F S P E C I A L I S T S

For over 60 years, W.Howard has taken great pride in being a progressive and innovative company.

OUR GROUP

The W.Howard Group comprises W.Howard Limited, Polyco Limited and W.Howard Kildare Limited.

Our expanding range of MDF profiles includes Primed, Veneered, Wrapped and our exclusive KOTA™ product. We offer first rate distribution of our products across the UK and Ireland using our own fleet of vehicles. Our London distribution centre offers a collection service or a delivery service for merchants in and around the London area.

CORE RANGE & BESPOKE

Our core range of products is one of the largest in Europe and we hold more than 100 stock lines. Although we have a huge core range offering, we understand that sometimes our customers require non standard products. We can manufacture to your exact requirements, be it a bespoke profile, a particular finish, or precise machining for door hardware.

OUR MISSION

To be the UK and Europe’s Preferred Partner to Merchants, Manufacturers & Distributors within the Construction Industry.

OUR VISION

Our products in every construction.

TRADING POLICY

W.Howard customers comprise of merchants and specialist manufacturers.

ENVIRONMENT

At W.Howard we are committed to environmental causes and ensure that our processes are managed and controlled to set standards.

All our products are manufactured to quality assurance standard ISO9001 and we have achieved environmental standard ISO14001. All our MDF and veneers used in the production of our profiles are certified by the Forest Stewardship Council® (FSC®). FSC Licence code C008014. We have also achieved a Fleet Operator Recognition Scheme (FORS) certification enabling us to deliver into central London. In addition, we have achieved ISO18001 for occupational health and safety.

At the W.Howard Group we understand the need for a quality product that’s easy to install and available when you need it.

For further information, please contact our sales team on 01942 881 900 and we’ll be happy to help you.



Jonathan
Jonathan Grant
Group Chief Executive

MDF WALL PANELLING KIT

Transforming homes

The new W.Howard wall panelling kit has been designed to make wall panelling a simple task from start to finish. The primed panels, dado and skirting is packaged in a two pack set and will cover 2.32 metres of linear wall. The clever rebate lip on skirting and dado help to make installation fast and easy.



Easy to install
Hard to ignore

BENEFITS

- Primed skirt, panel, dado
- Rebate lips on skirt and dado for neat finishing
- Easy installation
- Each 2-pack set covers 2.32 metres linear wall
- Skirt, panel and dado together will make maximum height of 1.082 metres
- Instant grip adhesive only required
- Can be nailed or screwed if preferred
- Looks great!

Code: MDF-WALL-PANEL-KIT



A DEFECT FREE **ALTERNATIVE** TO SOLID TIMBER

Our Veneered Profiles offer the same look and feel as solid timber with all the benefits of MDF

All our Veneered MDF Profiles are certified by the Forest Stewardship Council (FSC)

Our Veneered MDF offers the same look and feel as solid timber yet retains all the benefits of MDF...



BENEFITS

- Creates the same look and feel as solid timber
- Available in over 40 profiles and sizes
- Available ex-stock in Oak and Walnut
- Does not warp or twist
- FSC Certified
- Bespoke profiles and veneers available to order
- Supplied unfinished ready for a wax, oil, lacquer or wood stain finish
- Skirtings and architraves can be fixed with a gap filling adhesive or traditional hardwood pellets.

All products conform to;

- BS EN 622-1:2003 / BS EN 622-5:2009 Formaldehyde Class E1- EN120
- Formaldehyde is present at less than or equal to 8mg/100g
- Veneered MDF Door Linings & casings are fire resistant tested to BS 476 Part 22
- FSC Mix 70%
- Manufactured using 100% virgin timber
- Free of VOC's

Collections













- Collections can be made from our Manchester or London within 24 hours from order and will receive a 2.5% collection discount for orders of £500 or above

VENEERED - CORE RANGE



Available finishes: **FF** Fully Finished **V** Veneered **F** Foil **K** KOTA™ **P** Primed



Profile		Product Code	Pack Qty.	Thickness (mm)	Width (mm)	Length (mm)	FF	K	F	P	Profile		Product Code	Pack Qty.	Thickness (mm)	Width (mm)	Length (mm)	FF	K	F	P	
Chamfered and Rounded American White Oak Unfinished		CR01MR18.0068AWO4400	Single	18	68	4400	•	•		•	Chamfered and Rounded American Black Walnut Unfinished		CR01MR18.0068ABW4400	Single	18	68	4400	•	•		•	
		CR01MR18.0119AWO4400	Single	18	119	4400	•	•		•			CR01MR18.0119ABW4400	Single	18	119	4400	•	•		•	
		CR01MR18.0144AWO4400	Single	18	144	4400							CR01MR18.0144ABW4400	Single	18	144	4400					
Ogee Veneered American White Oak Unfinished		OG01MR18.0068AWO4400	Single	18	68	4400	•	•	•	•	Ogee Veneered American Black Walnut Unfinished		OG01MR18.0068ABW4400	Single	18	68	4400	•	•	•	•	
		OG01MR18.0094AWO4400	Single	18	119	4400	•	•	•	•			OG01MR18.0094ABW4400	Single	18	94	4400	•		•	•	
		OG01MR18.0119AWO4400	Single	18	144	4400	•		•	•			OG01MR18.0119ABW4400	Single	18	119	4400	•	•	•	•	
		OG01MR18.0144AWO4400	Single	18	144	4400	•		•	•			OG01MR18.0144ABW4400	Single	18	144	4400	•		•	•	
		OG01MR18.0168AWO4400	Single	18	168	4400	•		•	•			OG01MR18.0168ABW4400	Single	18	168	4400	•		•	•	
Rounded One Edge Veneered 6mm Radius American White Oak Unfinished		R106MR18.0057AWO4400	Single	18	57	4400				•	Rounded One Edge Veneered American Black Walnut Unfinished		R106MR18.0057ABW4400	Single	18	57	4400					•
		R106MR18.0068AWO4400	Single	18	68	4400	•	•	•	•			R106MR18.0068ABW4400	Single	18	68	4400	•	•	•	•	
		R106MR18.0094AWO4400	Single	18	94	4400	•		•	•			R106MR18.0094ABW4400	Single	18	94	4400	•		•	•	
		R106MR18.0119AWO4400	Single	18	119	4400	•	•	•	•			R106MR18.0119ABW4400	Single	18	119	4400	•	•	•	•	
		R106MR18.0144AWO4400	Single	18	144	4400	•		•	•			R106MR18.0144ABW4400	Single	18	144	4400	•		•	•	
Rounded Two Edge Veneered 6mm Radius American White Oak Unfinished		R206MR18.0068AWO4400	Single	18	068	4400	•				Rounded Two Edge Veneered 6mm Radius American Black Walnut Unfinished		R206MR18.0068ABW4400	Single	18	068	4400	•				
Torus Veneered American White Oak Unfinished		TR01MR18.0057AWO4400	Single	18	57	4400				•	Torus Veneered American Black Walnut Unfinished		TR01MR18.0057ABW4400	Single	18	57	4400				•	
		TR01MR18.0068AWO4400	Single	18	68	4400	•	•	•	•			TR01MR18.0068ABW4400	Single	18	68	4400	•	•	•	•	
		TR01MR18.0119AWO4400	Single	18	119	4400	•	•	•	•			TR01MR18.0119ABW4400	Single	18	119	4400	•	•	•	•	
		TR01MR18.0168AWO4400	Single	18	168	4400	•		•	•			TR01MR18.0168ABW4400	Single	18	168	4400	•		•	•	
Window Board Veneered American White Oak Unfinished		WBNOMR25.0219AWO3660	Single	25	219	3660	•			•	Window Board Veneered American Black Walnut Unfinished		WBNOMR25.0219ABW3660	Single	25	219	3660	•			•	
		WBNOMR25.0244AWO3660	Single	25	244	3660	•			•			WBNOMR25.0244ABW3660	Single	25	244	3660	•			•	

FULLY FINISHED

Tell us the specification you require.
We are able to manufacture and finish to your exact requirements

ANY FINISH

Want a specific colour and a showroom finish?

Our purpose built semi-automatic finishing line and hand spraying facilities mean that any stock or bespoke primed item can be finished to any RAL specified by you.

Our range of stock and bespoke real wood veneers can be lacquered to order (Minimum Quantities Apply).

This means you can have a fully finished product ready to install on site, providing you with a showroom finish, saving you time and money!

OTHER AVAILABLE GRADES OF MDF

Ecologique (Zero formaldehyde)

Ecologique is typically used in environmentally sensitive areas such as museums, laboratories, art galleries, hospitals and schools.

The formaldehyde content is less than 1.0mg/100g, which is equivalent or less than natural timber. Ecologique is available in 12, 15 and 18mm thicknesses and in 2.440m lengths.

Fire Retardant

Euro Class B & C (also known as Class 1 & Class O) is typically used in hotel foyers, offices, public libraries, schools, hospitals and cinemas.

Euro Class B & C is available in thicknesses ranging from 15mm to 25mm and in 2.440 and 3.050 metre lengths. For identification purposes it is pink in colour so it is easily distinguishable from your non-fire retardant primed, moisture resistant MDF profiles.

Standard Grade

Standard grade is predominantly used for stair tread application and is only suitable for internal dry conditions.

Standard grade is available in thicknesses ranging from 15mm-60mm and in 2.440, 3.050, 3.660, 5.100 and 5.490 metre lengths.

Exterior Grade

Exterior MDF can be used in a wide range of external applications.

Exterior MDF has been proved to withstand extreme weather conditions and complies with requirements for use in exterior conditions.

KOTA™ MDF PROFILES

KOTA™ is the latest innovation in MDF profiles and is exclusive to W.Howard. KOTA™ is a factory finished, tough impact resistant solution. Unique to KOTA™ is the application of advanced Eastman Cerfis™ Technology to create interior profiles with a unique white smooth coating that doesn't need painting

KOTA™ is factory finished so improves procedural efficiencies significantly, reducing time and cost.

PREMIUM
CORE RANGE

BENEFITS

- Factory Finished profiles
- Simple 3 step installation
- Durable
- Colour consistency
- Saves time, Saves money
- Manufactured by W.Howard using patented Eastman Cerfis™ Technology

Core Range

The KOTA™ range includes architraves and skirting in a variety of profiles and decorative options.

TOUGHER
THAN PAINTED



KOTA™ INSTALLATION IS AS EASY AS 1, 2, 3...

1. FIX

Fix your KOTA™ profile into place using KOTA™ FIX - a high bond adhesive specifically designed for KOTA™ profiles. KOTA™ can also be fixed using loss head nails.



2. FILL

Use colour-matched KOTA™ FILL to fill any gaps between KOTA™ profiles and any uneven wall surfaces. KOTA™ FILL dries white and remains colour-fast.



3. FINISH

Use KOTA™ FINISH, a soft wax filler, to fill any nail or pin holes left following installation. KOTA™ FINISH can also be used to touch up any scuffs or marks.



Available finishes:

FF Fully Finished

V Veneered

F Foil

K KOTA™

P Primed

KOTA™ CORE RANGE

Profile	Product Code	Pack Qty.	Thickness (mm)	Width (mm)	Length (mm)	FF	V	F	P
Chamfer & Rounded White Polymer	CRK1MR18.0068KOT4400	Single	18	68	4400	•	•		•
	CRK1MR18.0119KOT4400	Single	18	119	4400	•	•		•
Radius White Polymer	R106MR18.0068KOT4400	Single	18	68	4400	•	•	•	•
	R106MR18.0119KOT4400	Single	18	119	4400	•	•	•	•
Ogee White Polymer	OGK1MR18.0068KOT4400	Single	18	68	4400	•	•	•	•
	OGK1MR18.0119KOT4400	Single	18	119	4400	•	•	•	•
Torus White Polymer	TRK1MR18.0068KOT4400	Single	18	68	4400	•	•	•	•
	TRK1MR18.0119KOT4400	Single	18	119	4400	•	•	•	•

KOTA™ ACCESSORIES



KOTA™ FIX is high bond strength adhesive designed to firmly secure your profile in place. Easy to use, it replaces screws and nails with greater performance than traditional panel adhesives.



KOTA™ FILL is a high quality, plasto-elastic one-component gap filler based on acrylic dispersions. It's easy to apply and gives reliable and professional finish.



KOTA™ FINISH is a specifically colour-matched soft wax filler designed for filling any nail or pin holes after fixing. KOTA™ FINISH can also be used to touch up any scuffs or marks.

FOIL WRAPPED SOLUTIONS

Bespoke products
Door frame materials
Skirtings and architraves
Window Boards
Picture frame mouldings
Decorative



Our foil wrapped MDF products offer a fully finished solution no painting or decorating required...



BENEFITS

- Pre-Finished, no painting or further finishing are required
- We make a broad range of products available, in popular wood grain or solid colours and high gloss finishes
- We can work to your design or provide design guidance
- All products are FSC Certified

Core Range

- Popular colours available to match UPVC window and conservatory frames
- Windowboard – foil finish laminated onto a P3 moisture resistant chipboard core
- Skirting and architraves – Laminated wrapped onto a moisture resistant MDF core

All products conform to;

- BS EN 622-1:2003 / BS EN 622-5:2009 Formaldehyde Class E1- EN120
- Formaldehyde is present at less than or equal to 8mg/100g
- FSC Mix 70%
- Manufactured using 100% virgin timber
- Free of VOC's

Bespoke Products

- We can offer flexibility on minimum order quantities, shortened lead times and stock management programmes. Please contact our sales office on 01942 881 900 with your requirements.



FOIL - CORE RANGE

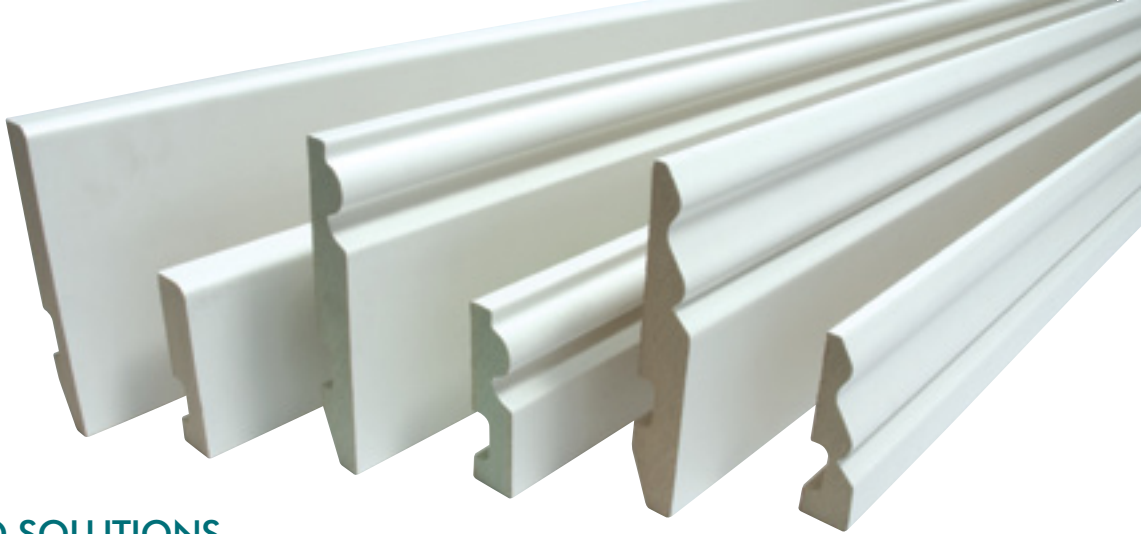
AVAILABLE IN 4 DIFFERENT COLOURS



Available finishes: **FF** Fully Finished **V** Veneered **F** Foil **K** KOTA™ **P** Primed

Profile	Product Code	Thickness (mm)	Width (mm)	Length (mm)	FF	K	V	P
Ogee White Golden Oak Light Oak	OG02MR18.0068WHF/GOF/LOF4400	18	68	4400	•	•	•	•
	OG02MR18.0094WHF/GOF/LOF4400	18	94	4400			•	
	OG03MR18.0119WHF/GOF/LOF4400	18	119	4400	•	•	•	•
	OG03MR18.0144WHF/GOF/LOF4400	18	144	4400	•		•	•
	OG03MR18.0168WHF/GOF/LOF4400	18	168	4400	•		•	•
Rounded One Edge 6mm radius White Golden Oak Light Oak	R106MR18.0057WHF/GOF/LOF4400	18	57	4400			•	
	R106MR18.0068WHF/GOF/LOF4400	18	68	4400		•	•	
	R106MR18.0094WHF/GOF/LOF4400	18	94	4400			•	
	R106MR18.0119WHF/GOF/LOF4400	18	119	4400		•	•	
	R106MR18.0144WHF/GOF/LOF4400	18	144	4400			•	
Torus White Golden Oak Light Oak	TR02MR18.0057WHF/GOF/LOF4400	18	57	4400			•	
	TR02MR18.0068WHF/GOF/LOF4400	18	68	4400	•	•	•	•
	TR03MR18.0119WHF/GOF/LOF4400	18	119	4400	•	•	•	•
	TR03MR18.0168WHF/GOF/LOF4400	18	168	4400	•		•	•
Window Board White Golden Oak Light Oak Rosewood	WBNTMR22.0150WHF/GOF/LOF/RWF5000	22	150	5000				
	WBNTMR22.0180WHF/GOF/LOF/RWF5000	22	180	5000				
	WBNTMR22.0200WHF/GOF/LOF/RWF5000	22	200	5000				
	WBNTMR22.0225WHF/GOF/LOF/RWF5000	22	225	5000				
	WBNTMR22.0250WHF/GOF/LOF/RWF5000	22	250	5000				
	WBNTMR22.0300WHF/GOF/LOF/RWF3050	22	300	3050				
	WBNTMR22.0600WHF/GOF/LOF/RWF3050	22	600	3050				
	WBNTMR22.0900WHF/GOF/LOF/RWF3050	22	900	3050				

Please note: The colour swatches used throughout this brochure are for guidance only. Actual colours may vary slightly on product - product and foil samples available on request. 4400mm are nominal sizes finishing at 4370mm. Window Board may vary in size from -2mm to -5mm



ONE PRODUCT, TWO SOLUTIONS

All white skirting and architrave products are re-coatable, Window Boards are non-recoatable

Re-coatable, White Wrapped Skirtings & Architraves

Retaining all the benefits of our fully finished Polycos range but are re-coatable in the future, if required. Wrapped in a white re-coatable foil.

Total Flexibility

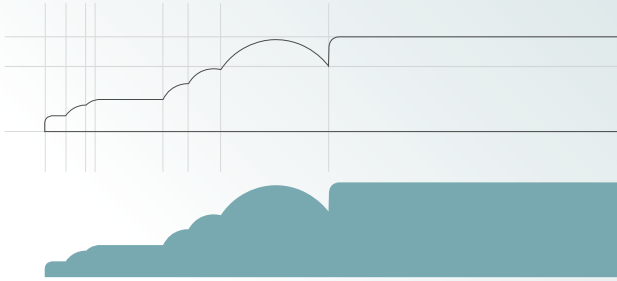
Easy installation without the need for decorating, but flexibility to change your skirting colour as you change your décor.

ANOTHER DIMENSION

We can 3D print your Made to Order designs on our Fusion 3 F410 3D Printer providing dimension accuracy and consistency. This low-risk, automated process supplies a tangible prototype of the product to ensure you are fully satisfied with the profile before making high volume orders.

Environmentally and sustainably the process is very proficient as 3D printing creates a lot less waste for a single part as well as the material used for the printing process, ABS, is recyclable.

To utilise our 3D printer please send through a drawing of the profile to estimating@whoward.co.uk where you can speak to a member of our team.



PRIMED & READY TO GO

All our primed products are manufactured defect free with no knots, warps or defects

Twice primed and ready to install

Our primed profiles are twice primed and ready for a simple under coat and gloss finish after installation...

BENEFITS

- Manufactured Defect Free – no knots, no warps, no defects
- Twice primed and de-nibbed
- Manufactured on a moisture resistant core
- FSC Certified
- Available in over 200 profiles and sizes
- Door linings and casings manufactured to CERTIFIRE standards
- Bespoke products available manufactured to order
- Products can be supplied fully finished; please see pages 33 & 34

All products conform to;

- BS EN 622-1:2003 / BS EN 622-5:2009 Formaldehyde Class E1- EN120
- Formaldehyde is present at less than or equal to 8mg/100g
- Our Primed MDF Door Linings & casings are fire resistant tested to BS 476 Part 22
- FSC Mix 70%
- Manufactured using 100% virgin timber
- Free of VOC's

Collections

- Collections can be made from our Manchester or London within 24 hours from order and will receive a 2.5% collection discount for orders of £500 or above



CONTEMPORARY PROFILES

Our contemporary range features profiles that complement current interior styles









Clean lines, shape and form are very much the trend in today's interiors. These profiles beautifully echo the contemporary character whether it be in an office, loft apartment or a modern home... where simplicity and subtle sophistication are key.

With the benefits of our stable moisture resistant MDF material there are no knots, warps or defects.

For that current interior design vibe our **CONTEMPORARY RANGE** should be your first option.

■ Available as part of orders meeting minimum order value

Profile	Product Code	Pack Qty.	Bundles	Thickness (mm)	Width (mm)	Length (mm)	FF	K	V	F
Rounded One Edge V Grooved White Primed										
Chamfered & Single V Grooved White Primed										
Chamfered & 2x V Grooved White Primed										







Available finishes:		FF Fully Finished	V Veneered	F Foil	K KOTA™	P Primed					
Profile		Product Code	Pack Qty.	Bundles	Thickness (mm)	Width (mm)	Length (mm)	FF	K	V	F
Square & Grooved White Primed		SG02MR18.0144PRI5400	112	4	18	144	5400	•			
		SG02MR22.0068PRI5490	168	8	22	68	5490	•			
Chamfered 2x2 White Primed		0371MR18.0057PRI5400	256	8	18	57	5400	•			
		0371MR18.0119PRI5400	128	4	18	119	5400	•			
Chamfered & Rounded White Primed		CR01MR14.5044PRI4400	220	10	15	44	4400	•			
		CR01MR14.5094PRI4400	100	5	15	94	4400	•			
		CR01MR18.0068PRI4400	112	8	18	68	4400	•	•	•	
		CR01MR18.0119PRI4400	64	4	18	119	4400	•	•	•	
		CR01MR18.0068PRI5400	224	8	18	68	5400	•			
		CR01MR18.0094PRI5400	160	4	18	94	5400	•			
		CR01MR18.0119PRI5400	128	4	18	119	5400	•			
		CR01MR18.0144PRI5400	112	4	18	144	5400	•			
Ovolo 16 White Primed		OV16MR14.5057PRI5400	320	10	15	57	5400	•			
		OV16MR14.5119PRI5400	160	4	15	119	5400	•			
Ovolo 14 White Primed		OV14MR18.0068PRI4400	112	8	18	68	4400	•			
Ovolo 13 White Primed		OV13MR18.0119PRI4400	64	4	18	119	4400	•			
		OV13MR18.0144PRI4400	56	4	18	144	4400	•			
		OV13MR18.0168PRI4400	48	4	18	168	4400	•			
PSE White Primed		PLSQMR14.5094PRI5400	200	4	15	94	5400	•			
		PLSQMR18.0068PRI4400	112	8	18	68	4400	•			
		PLSQMR18.0094PRI4400	80	4	18	94	4400	•			
		PLSQMR18.0119PRI4400	64	4	18	119	4400	•			
		PLSQMR18.0144PRI4400	56	4	18	144	4400	•			
		PLSQMR18.0044PRI5400	352	8	18	44	5400	•			
		PLSQMR18.0068PRI5400	224	8	18	68	5400	•			
		PLSQMR18.0094PRI5400	160	4	18	94	5400	•			
		PLSQMR18.0119PRI5400	128	4	18	119	5400	•			
		PLSQMR18.0144PRI5400	112	4	18	144	5400	•			
Square Edge White Primed		PLSQMR12.0025PRI2130	560	16	12	25	2130	•			
		PLSQMR12.0032PRI2130	560	16	12	32	2130	•			
		PLSQMR18.0033PRI2130	560	16	18	33	2130	•			

CLASSIC PROFILES

Popular and widely used styles
with all the benefits of MDF

These traditional designs are well known and
have stood the test of time. Firm favourites for
refits and refurbishments as well as new build.

Available finishes: **FF** Fully Finished **V** Veneered **F** Foil **K** KOTA™ **P** Primed

Profile	Product Code	Pack Qty.	Bundles	Thickness (mm)	Width (mm)	Length (mm)	FF	K	V	F
Lambs Tongue 5 White Primed 	LT05MR18.0068PRI5400	224	8	18	68	5400	•			
	LT05MR18.0119PRI5400	128	4	18	119	5400	•			
Ogee 1 White Primed 	OG01MR15.0068PRI5400	280	8	15	68	5400	•			
	OG01MR15.0094PRI5400	200	4	15	94	5400	•			
	OG01MR18.0068PRI4400	112	8	18	68	4400	•	•	•	•
	OG01MR18.0119PRI4400	64	4	18	119	4400	•	•	•	•
	OG01MR18.0144PRI4400	56	4	18	144	4400	•		•	•
	OG01MR18.0168PRI4400	48	4	18	168	4400	•		•	•
	OG01MR18.0068PRI5400	224	8	18	68	5400	•			
	OG01MR18.0119PRI5400	128	4	18	119	5400	•			
	OG01MR18.0144PRI5400	112	4	18	144	5400	•			
	OG01MR18.0168PRI5400	96	4	18	168	5400	•			
Rounded Two Edge 6mm Radius White Primed 	R206MR12.0068PRI5490	336	8	12	68	5490	•			
	R206MR14.5068PRI5400	280	8	15	68	5400	•			
Rounded One Edge 6mm Radius White Primed 	R106MR12.0094PRI5490	250	5	12	94	5490	•			
	R106MR14.5057PRI5400	320	8	15	57	5400	•			
	R106MR14.5068PRI5400	280	8	15	68	5400	•			
	R106MR14.5094PRI5400	200	5	15	94	5400	•			
Rounded One Edge 9mm Radius White Primed 	R109MR14.5044PRI4400	220	10	15	44	4400	•			
	R109MR14.5094PRI4400	100	5	15	94	4400	•			
	R109MR18.0044PRI4400	176	10	18	44	4400	•			
	R109MR18.0068PRI4400	112	8	18	68	4400	•			
	R109MR18.0094PRI4400	80	4	18	94	4400	•			
	R109MR18.0119PRI4400	64	4	18	119	4400	•			
	R109MR18.0144PRI4400	56	4	18	144	4400	•			
	R109MR14.5044PRI5400	440	10	15	44	5400	•			
	R109MR14.5068PRI5400	280	8	15	68	5400	•			
	R109MR14.5094PRI5400	200	5	15	94	5400	•			
	R109MR14.5119PRI5400	160	4	15	119	5400	•			
	R109MR18.0044PRI5400	352	8	18	44	5400	•			
	R109MR18.0057PRI5400	256	8	18	57	5400	•			
	R109MR18.0068PRI5400	224	8	18	68	5400	•			
	R109MR18.0094PRI5400	160	4	18	94	5400	•			
	R109MR18.0119PRI5400	128	4	18	119	5400	•			
	R109MR18.0144PRI5400	112	4	18	144	5400	•			
Torus 1 White Primed 	TR01MR18.0068PRI4400	112	8	18	68	4400	•	•	•	•
	TR01MR18.0119PRI4400	64	4	18	119	4400	•	•	•	•
	TR01MR18.0144PRI4400	56	4	18	144	4400	•			
	TR01MR18.0168PRI4400	48	4	18	168	4400	•		•	•
	TR01MR18.0068PRI5400	224	8	18	68	5400	•			
	TR01MR18.0119PRI5400	128	4	18	119	5400	•			
	TR01MR18.0144PRI5400	112	4	18	144	5400	•			
	TR01MR18.0168PRI5400	96	4	18	168	5400	•			

PERIOD PROFILES

Our period profiles offer a classic style with all the benefits of MDF

The design eras of Georgian, Victorian, Edwardian and Art-Deco are undoubted classics, but most of all they offer timeless style.

These profiles are now available in a very contemporary material; MDF offers stability, zero waste and zero defects.

Whether you are looking to renovate a property or looking to reproduce the style of classic designs, these profiles in MDF provide the solution.

■ Available as part of orders meeting minimum order value

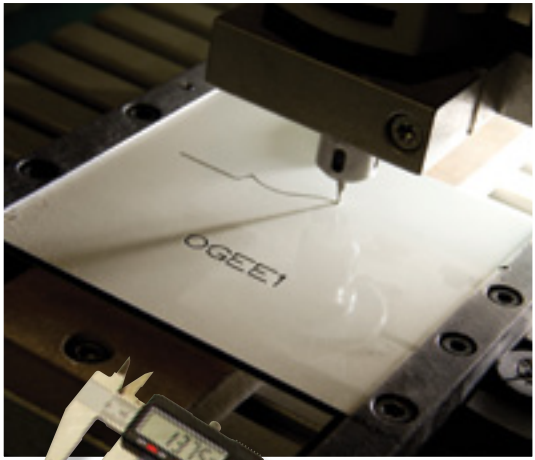
Profile	Product Code	Pack Qty.	Bundles	Thickness (mm)	Width (mm)	Length (mm)	FF
Art Deco White Primed	ART1MR25.0080PRI4200	100	4	25	80	4200	•
	ART1MR25.0194PRI4200	80	1	25	194	4200	•
Edwardian White Primed	EDW1MR25.0080PRI4200	100	4	25	80	4200	•
	EDW2MR25.0194PRI4200	80	1	25	194	4200	•
Georgian White Primed	GEO1MR25.0080PRI4200	100	4	25	80	4200	•
	GEO2MR25.0194PRI4200	80	1	25	194	4200	•
Victorian White Primed	VIC1MR25.0080PRI4200	100	4	25	80	4200	•
	VIC1MR25.0194PRI4200	80	1	25	194	4200	•

SIGNATURE RANGE

Introducing a range of special primed profiles that we've kept just for you!

From a detailed drawing or sometimes a 'scribble on a beer mat', we can meticulously create a unique profile to your specification. Once the tooling for a profile has been created we keep it ready (and FREE) to use. You just need a minimum order to get that special profile.

We've called this collection of tooling ready profiles our **SIGNATURE RANGE**.



Large Chamfered
SP0147



Large Radius
SP0215



Hockey Stick
SP0346



Chamfered & 2x Flute
SP0435



Picture Rail
SP0504



Large Decorative
SP0557



R2E Tongued Architrave
SP0560



Castle Profile
SP0862



Large Decorative
SP0899



Reeded
SP1051



R1E & Tongued Architrave
SP1128



Antique
SP1717



Georgian Type
SP1730



Moulded
SP1948



R1E & Groove
SP2241



PTG&V
SP2303

WINDOW BOARDS

All our sills are moisture resistant
MDF and made to last

Cross cut & returned end window boards

Available in 20 working days

- Available to your specified length
- Available thickness – 25mm
- Available width – to core range sizes
- Available cross cut to length or cut to length with ends returned
- This service is not available for Veneered MDF Window Board

Available finishes: **FF** Fully Finished **V** Veneered **F** Foil **K** KOTA™ **P** Primed

Profile	Product Code	Pack Qty.	Bundles	Thickness (mm)	Width (mm)	Length (mm)	FF	K	V	F
Window Board 9 x 9 Tongue White Primed	WBNTMR25.0144PRI3660	91	1	25	144	3660	•			
	WBNTMR25.0168PRI3660	84	1	25	168	3660	•			
	WBNTMR25.0194PRI3660	85	1	25	194	3660	•			
	WBNTMR25.0219PRI3660	76	1	25	219	3660	•		•	
	WBNTMR25.0244PRI3660	68	1	25	244	3660	•		•	
	WBNTMR25.0269PRI3660	60	1	25	269	3660	•			
	WBNTMR25.0294PRI3660	57	1	25	294	3660	•			
	WBNTMR25.0194PRI5490	60	1	25	194	5490	•			
	WBNTMR25.0219PRI5490	52	1	25	219	5490	•			
	WBNTMR25.0244PRI5490	48	1	25	244	5490	•			
	WBNTMR25.0269PRI5490	40	1	25	269	5490	•			
	WBNTMR25.0294PRI5490	39	1	25	294	5490	•			

JOINERY

We understand that sometimes our customers require non standard products.

We can manufacture to your exact requirements, be it a bespoke profile, a particular finish, or precise machining for door hardware.

DOOR CASINGS & LININGS

W.Howard Limited is CERTIFIRE approved to manufacture
MDF door linings and casings for use with specified fire doors

OPTION 1 - Lengths

- 25mm available in 5.10 & 5.49 metre lengths
- 30mm available in 4.19 & 5.10 metre lengths

OPTION 2 - Traditional Sets

- Details as table below

Profile	Pack Qty.	Thickness (mm)	Width (mm)	Length (mm)	Availability
Door Lining Standard Trenched Head	50(min)	25	To order	Set	To order
	50(min)	30	To order	Set	To order
Door Lining Fire Rated FD30 Trenched Head	50(min)	25	To order	Set	To order
	50(min)	30	To order	Set	To order
Door Casing Standard Trenched Head 12 x 37 rebate	50(min)	30	To order	Set	To order
Door Casing Fire Rated FD30 Trenched Head 12 x 47 rebate	50(min)	30	To order	Set	To order

Face Edge Corners

Face edge corners are machined to a 2mm radius for linings and 3mm radius on the shoulder for casings.

Door sizes

Can be manufactured in both imperial and metric door sizes.

Door stops

Available to separate order, ex-stock in 12 x 25mm x 2.13m and 12 x 32 x 2.13m. Alternative sizes are available to order.

Certifire

W. Howard is CERTIFIRE approved to manufacture MDF door lining and casing sets for use with specified fire doors.

Fire rating

Our Primed FD30 casings and linings are ½ hour fire rated and comply with the requirements of BS476: part22. Grooves are 4mm deep x 15mm wide.

Hanging tolerance

Sets are machined to provide a hanging tolerance, over and above door size, of 3mm either side, 3mm to the head and 18mm beneath the door. Hanging tolerance can also be specified to accommodate your individual requirements.





FITTING INSTRUCTIONS & CARE OF W.HOWARD ‘POLYCO’ FOIL MDF PROFILES

Storage

W.Howard ‘Polyco’ Wrapped MDF Profiles must be stored in dry, well ventilated conditions to reduce the risk of absorbing moisture and stacked on a minimum of 4 bearers. Any protective wrapping should be left in place until time of use. Care must be taken when stacking face to face and during transportation as even slight friction or sliding can cause damage to the decorative surface. This is especially important with fully finished items.

Conditioning

It is recommended that W.Howard ‘Polyco’ Wrapped MDF Profiles are allowed to remain in the area of fixing for approximately 24 hours prior to use.

Application

All of our products are manufactured from moisture resistant MDF and are entirely suitable for internal use in all new build and refurbishment projects. It is essential that new plasterwork is dry prior to fixing.

Cutting

W.Howard ‘Polyco’ Wrapped MDF Profiles should be sawn with a fine toothed saw. Recessing, such as for lock, latch or hinge, may be carried out with a hand held router, or in the traditional manner using a sharp chisel taking small measured cuts. Care should be taken to ensure the decorative finish/wrap machines and cuts cleanly and does not tear or rip. We advise testing and trialing your tooling and machining on the wrapped product before production/fitting begins to ensure the best method is found. The sharpness of the tool or blade, the direction of machining and the speed can all effect the finish achieved.

If mechanical extraction of saw dust is impractical or inadequate, then the sawing should be carried out in well ventilated conditions. Wear a face mask and eye protection at all times. Keep MDF dust away from ignition sources. Prevent excessive build up of dust and maintain good housekeeping.

Before being fixed in place, any cut edges or other unsealed areas should be sealed with a fixer or at least one coat of propriety wood primer complying with BS 5358 or one coat of polyurethane varnish. While the raw MDF is moisture resistant grade product it is still susceptible to water ingress over time which can cause expansion or “blowing” of the core.

Fixing

W.Howard ‘Polyco’ Wrapped MDF Profiles are easy to fix using traditional tools and materials.

W.Howard ‘Polyco’ Wrapped MDF Profiles may be fixed in a similar manner to Softwood mouldings, although there is no need to allow for shrinkages or to cross-nail mitred joints.

W.Howard ‘Polyco’ Wrapped MDF skirtings are commonly glued to the wall using suitable modern glues and proprietary gap filling adhesives. Manufacturers’ recommendations should be followed in cases of porous damp surfaces. As mentioned above ensure all raw MDF ends are fully sealed with wood primer complying with BS 5358 or one coat of polyurethane varnish.

It is recommended not to fix W.Howard ‘Polyco’ Wrapped MDF Profiles to damp plaster or any other damp materials.

Should fixing with screws be preferred, then drill and countersink the skirting accordingly and fix with a screw with the appropriate length and gauge so as to achieve a firm fixing. Fix at maximum of 600mm centres. It is important that subsequent filling is carried out using good quality non-water based shrink resistant filler. Specialist colour matching wax filler sticks are also recommended for fully finished and veneer products.

Products may also be nailed using lost head nails. Architraves are often fitted using a combination of gap filling adhesive and minimal lost head nails or pins. Cross nailing, such as with mitres of architraves, is not recommended. When using nails for fixing, they should be punched in below the surface and not inserted nearer than 12mm from any edge.

It is recommended, but not essential, to drill door linings prior to fixing and should be drilled at 600mm centres. Door hinges must be fixed with parallel shank screws.

Filling

Any visible nail or counter-sunk screw fixings should be filled using a good quality shrink-resistant non-water based filler. Specialist colour matching wax filler sticks are also recommended for fully finished and veneer products.

In the case of unlaquered veneers and paint grade papers the filled areas should then be sanded smooth with a fine abrasive paper (grit range 350-500) prior to finishing. For fully finished wraps and veneers it is recommended the wax or filler is applied extremely carefully and excess lightly skimmed away with a blade and rag, being careful not to damage the decorative finish.

Decorating / Finishing For Paint Grade White Wrapped Products

Sanding should not be required prior to any undercoat or topcoat being applied. When paint finishing our paint grade white wrapped products, dark colours may require an additional undercoat, but single top coat applied with a well-loaded brush will generally achieve a superior finish. Due to the wide variations in paint contents and application processes we strongly advise paint testing our paint grade white wrapped products before machining or fitting to ensure the desired finish is achievable. As mentioned above, ensure all raw MDF ends are fully sealed with wood primer complying with BS 5358 or one coat of polyurethane varnish to protect against moisture ingress and the threat of the MDF core expanding.

Finishing of Unlaquered Veneer Products

Unlaquered real wood veneer wrapped MDF mouldings can be finished and treated in the same manor as a solid timber product. We advise following the lacquer manufacturers guidance and instructions to achieve the required finish. As mentioned above, ensure all raw MDF ends are fully sealed with wood primer (or lacquer) complying with BS 5358 or one coat of polyurethane varnish to protect against moisture ingress and the threat of the MDF core expanding.

Maintenance & Cleaning

This is an extremely low maintenance product. In the event of damage, we would suggest filling with a non-water based shrink resistant filler or specialist colour matching wax filler sticks. For fully finished decorative foil wrapped products we would advise caution with very strong bleach based cleaning products as it may effect the appearance of the wrap over time.

FITTING INSTRUCTIONS FOR PRIMED MDF PROFILES

Storage

Primed MDF Profiles must be stored in dry, well ventilated conditions to reduce the risk of absorbing moisture and stacked on a minimum of 4 bearers. Any protective wrapping should be left in place until time of use.

Conditioning

It is recommended that Primed MDF Profiles are allowed to remain in the area of fixing for approximately 24 hours prior to use.

Application

All of our products are manufactured from moisture resistant MDF and are entirely suitable for internal use in all new build and refurbishment projects. It is essential that new plasterwork is dry prior to fixing.

Cutting

Primed MDF Profiles should be sawn with a fine-toothed saw. Recessing, such as for lock, latch or hinge, may be carried out with a hand held router, or in the traditional manner using a sharp chisel taking small measured cuts.

If mechanical extraction of saw dust is impractical or inadequate then the sawing should be carried out in well ventilated conditions. Wear a face mask and eye protection at all times. Keep MDF dust away from ignition sources. Prevent excessive build up of dust and maintain good housekeeping.

Before being fixed in place, any cut edges or other unsealed areas should be sealed with a fixer or at least one coat of propriety wood primer complying with BS 5358 or one coat of polyurethane varnish.

Fixing

Primed MDF Profiles are easy to fix using traditional tools and materials.

Primed MDF Profiles may be fixed in a similar manner to Softwood mouldings, although there is no need to allow for shrinkages or to cross-nail mitred joints.

W.Howard recommends that skirtings are commonly glued to the wall using suitable modern glues and proprietary gap filling adhesives. Manufacturers’ recommendations should be followed in cases of porous damp surfaces.

It is recommended not to fix Primed MDF Profiles to damp plaster or any other damp materials.

Should fixing with screws be preferred, then drill and countersink the skirting accordingly and fix with a screw with the appropriate length and gauge so as to achieve a firm fixing. It is important that subsequent filling is carried out using good quality non-water based shrink resistant filler. Fix at maximum of 600mm centres.

Products may also be nailed using lost head nails. Architraves are often fitted using a combination of gap filling adhesive and minimal lost head nails or pins. Cross nailing, such as with mitres of architraves, is not recommended. When using nails for fixing, they should be punched in below the surface and not inserted nearer than 12mm from any edge.

It is recommended, but not essential, to drill door linings prior to fixing and should be drilled at 600mm centres. Door hinges must be fixed with parallel shank screws.

Filling

Any visible nail or counter-sunk screw fixings should be filled using a good quality shrink-resistant non-water based filler. Filled areas should then be sanded smooth with a fine abrasive paper (grit range 350-500) prior to painting.

Decorating / Finishing

For an appropriate finish to be achieved, it is essential that all product is lightly sanded prior to any undercoat or topcoat being applied. Dark colours may require an additional undercoat, but single top coat applied with a well-loaded brush will generally achieve a superior finish.

Maintenance & Cleaning

This is an extremely low maintenance product. In the event of damage we would suggest filling with a non-water based shrink resistant filler.

