



plast[®]
extrusion technology

Extrusion line 1 for PS sheets with different designs
suitable for showers and lighting industry

Extrusion line 2 for sheets from PMMA, PS, ABS, PP
suitable for advertising and industrial applications

Extrusion line 3 for PS foil for packaging

Vacuum forming sheets and foil

Cutting sheets - laser, router, saw blade

Plast-M Ltd was established in 2008 and it is successor and continuer on long year traditions on Company PLASTCHIM, Botevgrad for extrusion sheets from PMMA, PS, ABS, PP and PS foil for packaging industry and vacuum formed parts.

Company has own production factory in city Botevgrad (60 km. from Sofia) with more than 6000 m2 cover production areas and stores.

Our advantages to win client's trust are as follows:

1. A team consisting high qualified and experienced specialists.
2. High-quality products
3. More than 30 years long professional practice
4. Competitive prices
5. Short term for manufacturing
6. Complete closed production cycle
7. Our suppliers are the biggest international companies -BASF, DOW Chemical, DIOKI, DEGUSSA ROHM, LUCITE.



Extrusion line1 for PS sheets with different designs



Model - BREYER 340-115-1

Materials – PS, ABS

Production capacity – 220 kg/hour

Sheet thickness - 1.0 mm - 6.0 mm

Maximum sheet width - up to 1500 mm

Maximum sheet length - up to 3000 mm

Colors – all RAL colors

We can produce one side sheets with relief

Extrusion line 2 for sheets from PMMA, PS, ABS, PP

Model - REIFENHÄUSER E/H EH 1200-1-120-30 V

Materials – PMMA, PS, ABS, PP

Production capacity – 420 kg/hour

Sheet thickness - 1.5 - 11.4mm

Maximum sheet width - up to 2050 mm

Maximum sheet length - up to 6000 mm

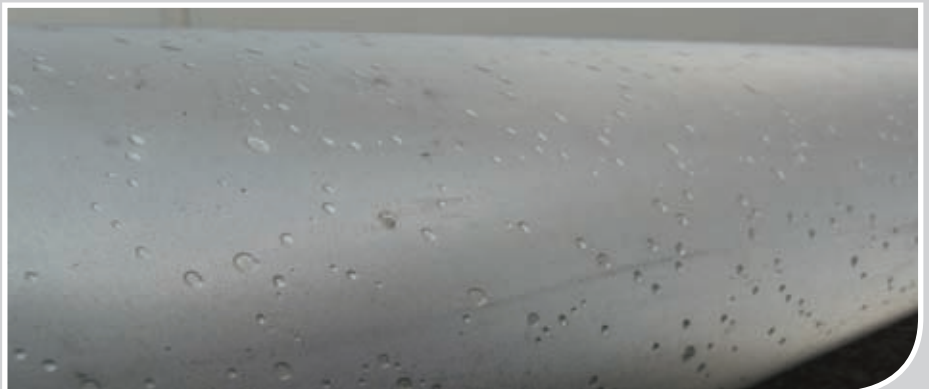
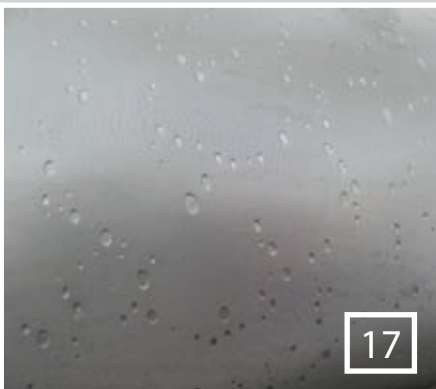
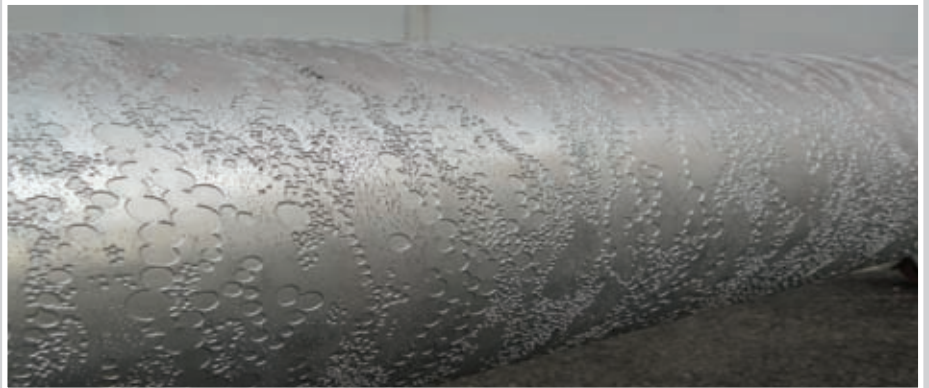
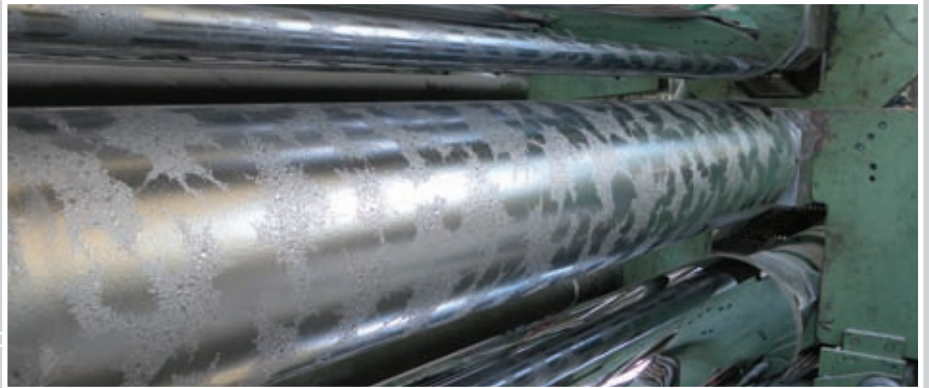
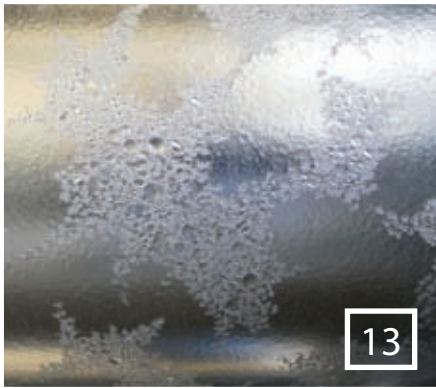
Colors – all RAL colors

We can produce one side sheets with relief

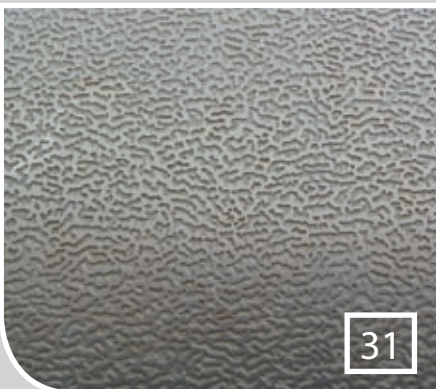
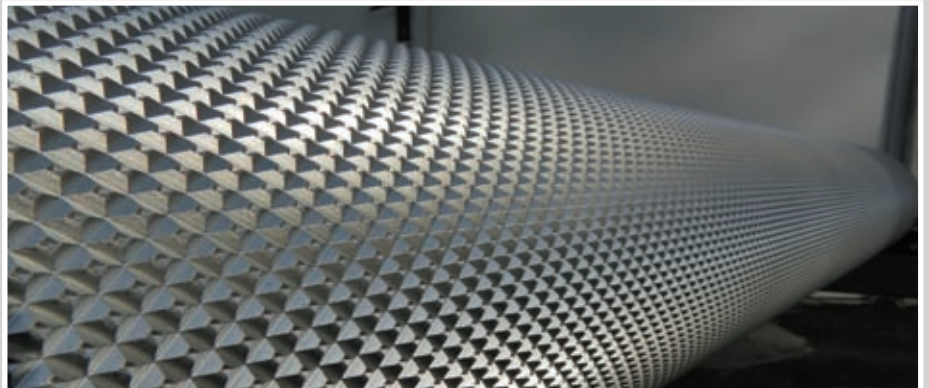
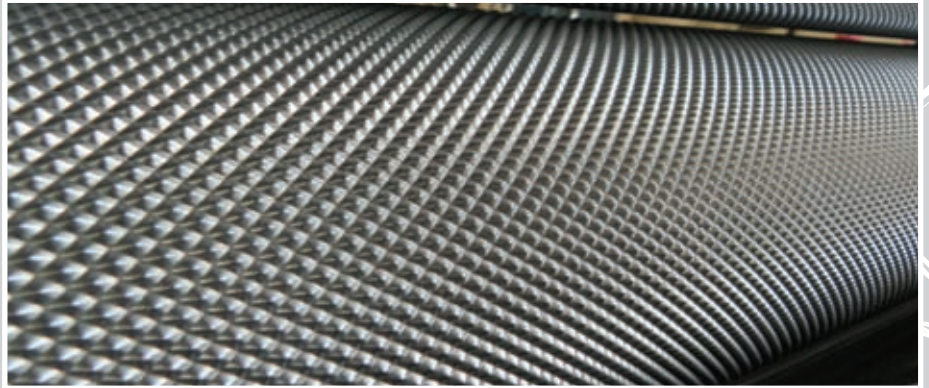
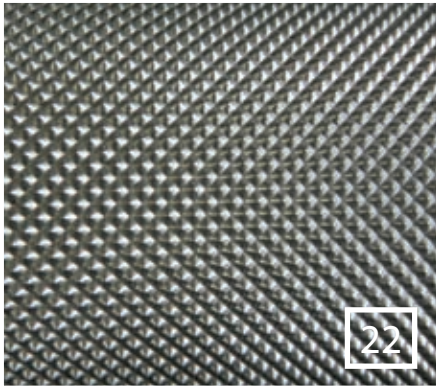
Additional option - corona treatment



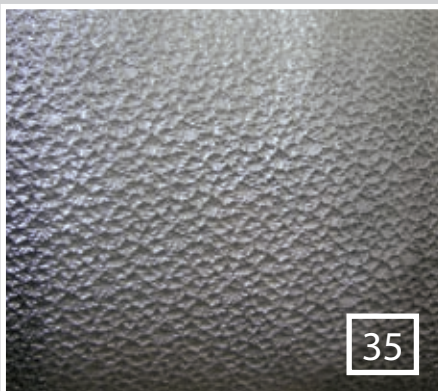
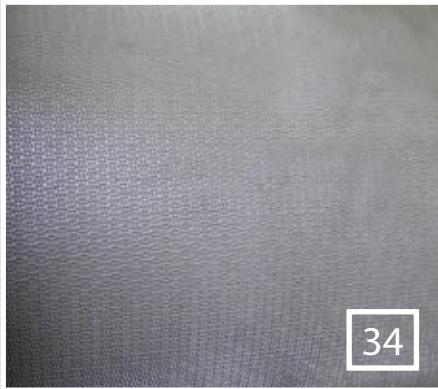
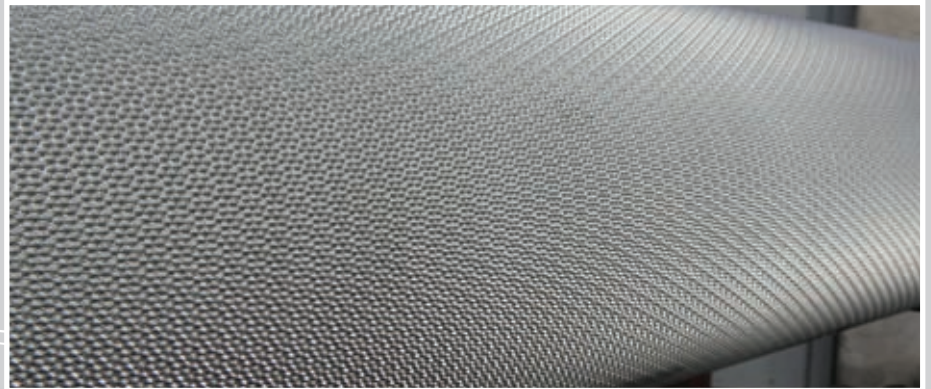
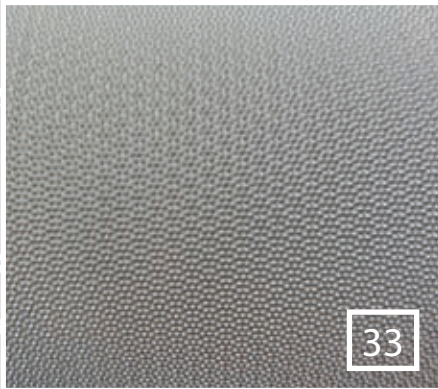
Disigns for showers



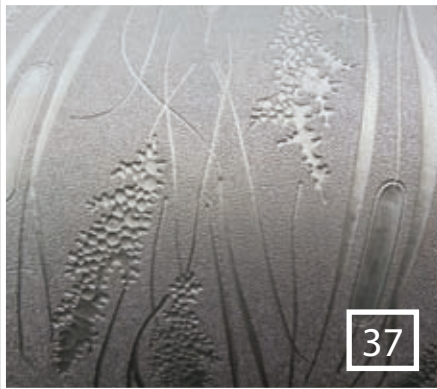
Designs for lighting industry



Designs for lighting industry



Other designs



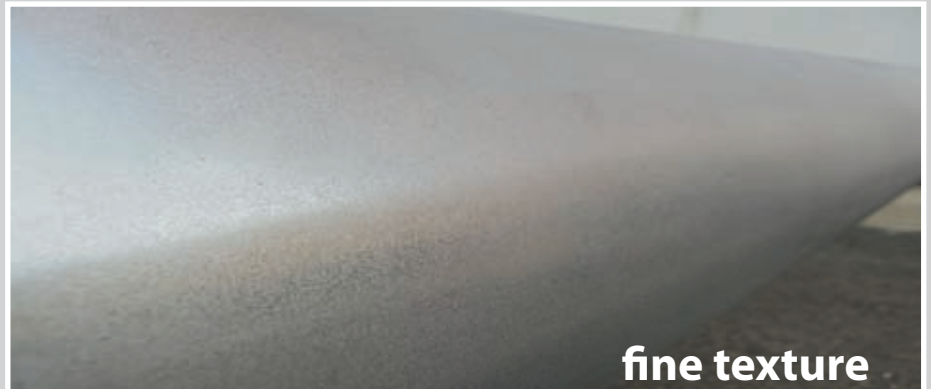
37



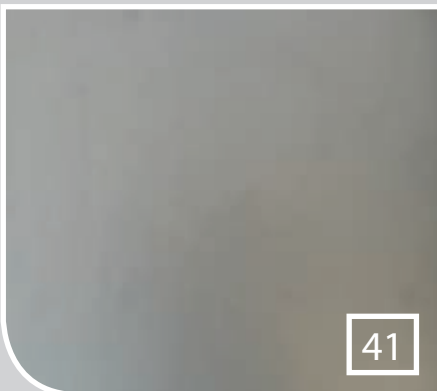
flowers



39



fine texture



41



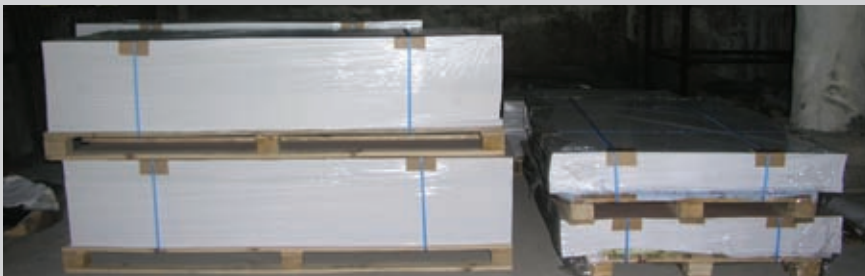
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Delivery programme PS sheets

Sizes /mm/	HiPS, White RAL 9005 thickness /mm/	HiPS, Black transparent thickness /mm/	GPPS thickness /mm/	GPPS relief thickness /mm/	Coloured	Sheets on one pallet numbers	Pallet weight kg
2000 x 1000	1,0					480	1 008
2000 x 1000	1,5					320	1 008
2000 x 1250	1,5	1,5	1,5			255	1 004
2000 x 1000	2,0	2,0			***	250	1 050
2000 x 1250	2,0	2,0			***	200	1 050
2050 x 1250			2,0	2,0*		190	1 022
3050 x 1400	2,0	2,0	2,0		***	115	1 031
2000 x 1000	2,5					200	1 050
2050 x 1250				2,5**		160	1 000
2000 x 1000	3,0	3,0			***	160	1 008
2000 x 1250	3,0	3,0	3,0		***	130	1 024
3050 x 1400	3,0	3,0				75	1 009
2000 x 1000	4,0	4,0				120	1 008
2000 x 1000	4,5					110	1 040
2000 x 1000	5,0					100	1 050
2000 x 1000	6,0					80	1 008
2000 x 1000	8,0					60	1 008
2000 x 1000	9,0					55	1 040

* The relief number "34" is available as standard
 *** The following colours are available as standard

** The relief number "35" is available as standard



Cutting tolerances

Width tolerans: - 0.00 / + 0.5 mm

Length tolerans: - 0.00 / + 3.0 mm

Thickness tolerances

Sheet thickness	Plate thickness in mm	Thickness tolerance absolute in mm
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1.0 mm	- 0.00 / + 0.05	0,05
1.5 mm	+/- 0.05	0,10
2.0 mm	+/- 0.05	0,10
2.5 mm	+/- 0.05	0,10
3.0 mm	+/- 0.05	0,10
4.0 mm	+/- 0.05	0,10
4.5 mm	+/- 0.05	0,10
5.0 mm	+/- 0.05	0,10
6.0 mm	+/- 0.05	0,10
8.0 mm	+/- 0.05	0,10
9.0 mm	+/- 0.05	0,10

Extrusion line 3 for PS foil for packaging



Model - EKK 120-30 V

Materials –PS

Production capacity – 220 kg/hour

Foil thickness - 180 - 900 microns

Maximum foil width - up to 1200 mm

Maximum roll diameter - up to 650 mm

Core diameter - 70 - 200 mm

Colors – all RAL colors



Own production egg containers from PS foil



Vacuum forming sheets and foil



Model – HANWOOD 30-20

Materials – PMMA, PS, ABS
Maximum sheet size - 3000 x 2000 mm
Maximum sheet thickness – 10.0 mm
Maximum depth for forming – 600 mm
Both side heating with ceramic heating elements



Model – KIEFEL KL66/100

Materials – PMMA, PS, ABS
Maximum sheet size - 1040 x 700 mm
Maximum sheet thickness – 4.0 mm
Maximum depth for forming – 200 mm
One side heating with quartz heating elements

Vacuum forming sheets and foil



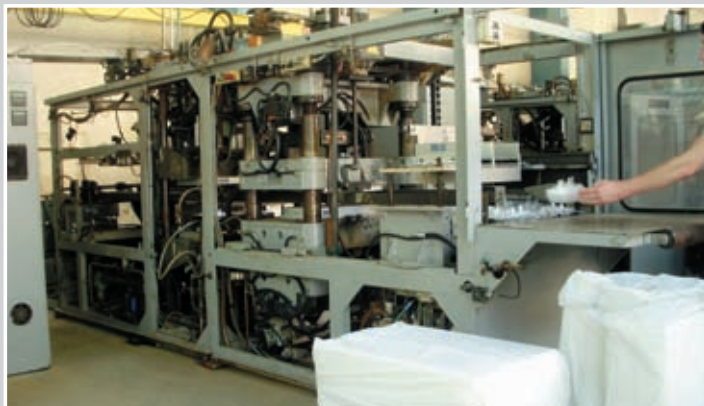
Model – BURKLE HD 90

Materials – PMMA, PS, ABS
Maximum sheet size - 2000 x 1000 mm
Maximum sheet thickness – 10.0 mm
Maximum depth for forming – 400 mm
Vacuum and pressure forming
Suitable for small quantity orders



Heating oven - Reinhardt VL 74

Temperature range - 50-200 C°
Materials – PMMA, PS, ABS
Maximum sheet size - 1850 x 1400 mm
Maximum sheet thickness – 30.0 mm



Model – ILLIG RDKP 54c (2 mashines)

Materials – PS
Maximum forming area - 500 x 380 mm
Maximum film with - 540 mm
Maximum depth of forming – 100.0 mm
Maximum cycle 22/min, top and bottom heaters
Vacuum and pressure forming
Bilateral closing molding
- available date sheet on www.plast-m.com

Cutting sheets - laser, router, saw blade

Lazer – CUTLITE PENTA - C 2200

Materials – sheets from PMMA, Steel, INOX, Aluminum, Copper, Brass

Maximum sheet size – 3030 x 2030 mm

Maximum sheet thickness

PMMA - 25.0 mm

Steel - 15.0 mm

INOX - 6.0 mm

Aluminum - 2.0 mm



Router – MECANUMERIC Meca PLUS 4121

Materials – sheets from PMMA, Aluminum, PVC, Polystyrene, ACM panels

Maximum sheet size – X:4000, Y:2000, Z:500 mm



Cutting sheets - laser, router, saw blade



Model – EUROMAC Logika LG 1928

Materials – sheets from PMMA, PS, ABS

Maximum sheet size for cutting – 3050 x 2050 mm

Maximum sheet thickness - 12.0 mm

Tolerances +/- 0.5 mm



Model – ALTENDORF_C 90

Materials – sheets from PMMA, PS, ABS, PVC

Maximum sheet size for cutting – 3050 x 2050 mm

Maximum sheet thickness - 12.0 mm

Tolerances +/- 1.0 mm



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