



**“TODAY’S
MODERN BUILDINGS
SHOULD
REFLECT
TODAY’S
TECHNOLOGY!”
...AND**

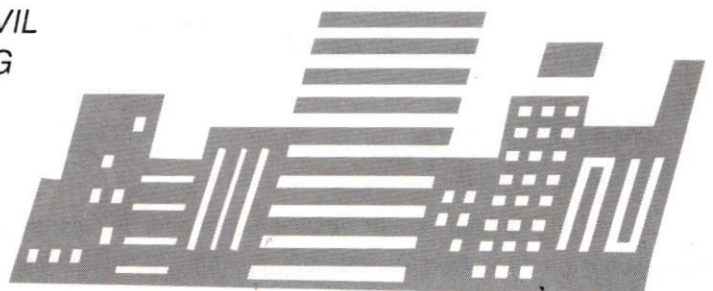
SHIRKE

Polynorm

STEEL DOOR AND WINDOW FRAMES
ARE THE MOST ADVANCED PRODUCTS
IN THE COUNTRY TODAY, WITH

- International Know-how
- Excellent Quality
- Truly Rust Resistant Material
- Unmatched Durability
- Simplicity and Speed of Assembly
- Economy

AND THEY COME TO YOU FROM THE
HOUSE OF SHIRKES—INDIA’S CIVIL
AND STRUCTURAL ENGINEERING
GIANTS—YOUR GUARANTEE OF
CONSISTENT HIGH QUALITY
PRODUCTS, BULK SUPPLIES
AND DEAD-ON-TIME
DELIVERY SCHEDULES.



INTERNATIONAL KNOW-HOW

Know-How from N. V. Nederlandse Metaalindustries "Polynorm" of Holland - pioneers and world leaders in this field.

EXCELLENT QUALITY

Manufactured from galvanised steel sheets on special machinery by highly skilled and experienced technicians to rigid quality norms. These frames have electrostatic powder coated / zinc chrome yellow primer painted finish, unmatched durability and are truly rust resistant. Exact angle accuracies obviate misalignment or mismatching at site.

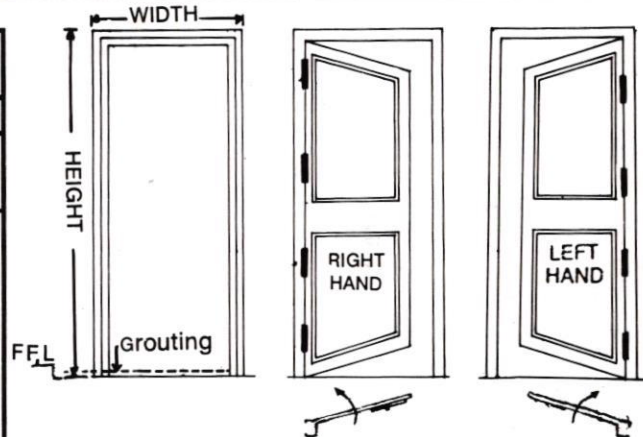
SIMPLE AND FAST TO INSTALL

Sectional manufacturing and special mitre joint results in absolute ease at site assembly - just two unskilled workmen can assemble and install upto 60 frames per day in one shift.

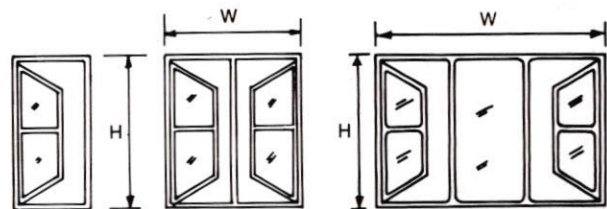
ECONOMICAL

- Much cheaper than teakwood, aluminium, PVC, and FRP
- No problems of rust, rot, warpage, damage due to environment, pests, etc.
- Supplied in knock down condition.

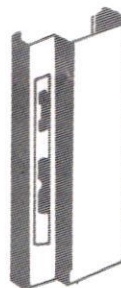
CROSS SECTION AND REBATE SIZES OF DOOR/ WINDOW FRAMES				
SINGLE REBATE				
SR. NO.	CROSS SECTION (A x B)	REBATE (C)	SUITABLE FOR DOOR / WINDOW SHUTTER THK.	SCHEMATIC SECTIONAL VIEW
1	90 X 50	35	30 TO 32	
2	110 X 50	35	30 TO 32	
3	110 X 50	38	35	
4	110 X 50	42	38	
5	110 X 50	45	40 TO 42	
6	105 X 60	35	30 TO 32	
7	105 X 60	38	35	
8	125 X 60	35	30 TO 32	
9	125 X 60	42	38 TO 40	
DOUBLE REBATE				
SR. NO.	CROSS SECTION (A x B)	REBATE (C)	SUITABLE FOR DOOR / WINDOW SHUTTER THK.	
1	110 X 50	35	30 TO 32	
2	125 X 50	35	30 TO 32	
3	125 X 60	42	38 TO 40	
4				
ALL DIMENSIONS ARE IN MILLI METRE				



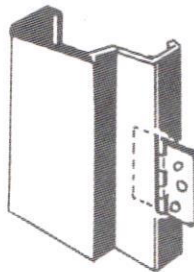
DOOR FRAME & SHUTTER



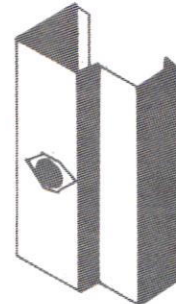
WINDOW FRAME & SHUTTER



Mortise Lock Plate



Hinge



Aldrop hole

HOLD FAST		HINGE	PINCH ROD	PINCH PLATE	ALDROP-BUSH
TYPE - T	TYPE - H				

PROVISIONS AND ACCESSORIES

Please refer all your enquires to :

B. G. SHIRKE CONSTRUCTION TECHNOLOGY LTD. (SHIRKE POLYNORM DIVISION)

REGD. OFF. / WORKS : 72-76, Industrial Estate, Mundhwa, Pune - 411 036. Phones : (0212) 670151, 670152, 670232, 670861, 670727

Fax : (0212) 671612. Cable : BUILDALL, Telex : 0145-7280 BGSP IN E-mail : bgstech@giaspn1.vsnl.net.in

BRANCHES : New Delhi Ph. : 6462308. Fax : 6462308, Mumbai Ph. : 2624574. Fax : 2624894, Bangalore Ph. : 2277360. Fax : 2277362., Hyderabad Ph. : 841738. Fax : 846508, Nagpur Ph. : 533519 Fax : 533519, Baroda : Ph. : 311382.

SHIRKE

SHIRKE STRUCTURALS PVT. LTD.

SHIRKE-POLYNORM DOOR AND WINDOW FRAMES

We manufacture and supply steel door and window frames. These frames are manufactured by based on the technical know how from N. V. Nederlands Metaalindustrie 'Polynorm' of Holland. Polynorm is the name in the pressed metal sheet world market. We have two products viz. Door Frames and Window Frames. We supply various sizes of these frames as per clients needs though there are some standard size produced by us.

These frames are made out of G. P. Sheets of 1 mm thickness. These sheets are cut to size and then bent formed and pressed as per required sections. The holes are punched and cuts are made. All this is done using special machinery installed in our plant. Three such sections viz. 2 vertical and 1 horizontal and two mitre joints form a door frame, whereas 4 such section, 2 vertical and 2 horizontal and 4 mitre joints form a window frame.

The speciality of these frames is its press work, special coating and joints. Unlike conventional methods used for joints by other manufacturers such as welding and bolting, our frames have a mechanical joint called as a Mitre Joint. This joint facilitates transportation of frames in knocked down condition to the site thereby saving considerably on transportation cost. These frames can be assembled by any unskilled work in a very short time.

The provision to fix up alldrop, tower bolt and hinges are made to the frame. Also, provision for mortise lock, safety chain, baby latch etc. can be made. The frame components are zinc plated and subjected to electrostatic powder coating and oven baking. Thus prepared door and window frame sections along with mitre joint components and other door accessories such as hold fast/wall brackets, alldrop bush, hinges, hinge pin are suitably packed and sent to the site in knocked down condition.

Since all items are made in the factory with special machinery, and under strict quality checks, there is no problem of mis-matching or mis-alignment at site. Any unskilled worker can assemble the frame component and install at place within few minutes. No. deviation from perpendicularity at all.

SPECIAL FEATURES OF THE FRAMES

1. DURABILITY :

These frames are more durable mainly because of its basic material, zinc plating and electrostatic powder coating. Such prepared frames are vermin proof, rot proof and corrosion proof. Because of its exact alignment and mitre joint, there is no twisting, no warping and no shrinkage.

2. COST SAVING :

These frames are made out of G. P. sheets and are less expensive compared to teak wood frame, PVC frames and aluminium frames. At the same time, these are more superior and durable too.

3. QUICK DELIVERY :

Because of special machinery employed in the manufacture of frame sections and other components, quick delivery even for large bulk order is possible.

(2)

4. FASTEST ASSEMBLY AND INSTALLATION :

The sections of components of the frame are sent in knocked down condition and there is no bolting welding etc. involved. Because of special mitre joints, the assembly and installation is very fast. Two unskilled workers can assemble and instal about 60 door frames in a shift of 8 hours. Because of quick assembly, the site labour is considerably reduced, thus saving in labour cost also.

5. QUALITY / FINISH :

The frames are manufactured as per technical knowhow from N. V. Nederlandse Metaalindustrie 'Polynorm' of Holland and all the sections and components are made under one roof. It is much easier to have close quality checks and hence the quality of these frames is much superior. These frames are pre-treated in the phosphating Solution and then electrostatically powder coated and oven baked, hence the finish is smooth and the surface has an appealing gloss.

6. PRESERVES FORESTS :

As an alternative to wood, metal is used in the manufacture of these frames, which will ultimately reduce cutting of forests. Thus by using metal frames, we will contribute towards preserving the most important National Resources forests which ultimately has indirect effect on the climate, rainfall and agriculture.

7. ELIMINATION OF LINTELS :

Due to ingenious geometrical design of profile, the cost and the hassles of various lintels on door and window frames is eliminated. Only two nominal re-inforced bars and filling concrete in the horizontal member of the frame will make it a composite beam and will take more load than the normally designed lintel.

PRICE LIST

(W. E. F. : 01-04-97)
PRICE OF SHIRKE POLYNORM G. P. STEEL SHEET

DOOR FRAMES

PRICES IN RUPEES PER FRAME

Rebate Size	SINGLE REBATE				DOUBLE REBATE		
	35	35, 38, 42, 45	35, 38	35, 42	35	35	42
Cross Section	90 x 50	110 x 50	105 x 60	125 x 60	110 x 50	125 x 50	125 x 60
(W) x (H)	PRM : PWD	PRM : PWD	PRM : PWD	PRM : PWD	PRM : PWD	PRM : PWD	PRM : PWD
SHEET THICKNESS : 1.00 mm							
750 x 2100	645 820	670 855	700 890	735 945	705 890	745 940	770 980
900 x 2100	665 845	690 885	720 920	755 975	725 920	765 970	790 1010
1000 x 2100	675 860	705 900	735 935	770 1000	740 935	780 990	805 1030
1200 x 2100	705 890	730 935	760 975	800 1030	770 975	810 1025	840 1070
SHEET THICKNESS : 1.25 mm							
750 x 2100	730 900	760 945	795 985	835 1045	795 980	845 1040	865 1080
900 x 2100	750 930	780 975	815 1020	860 1075	815 1010	870 1070	895 1110
1000 x 2100	765 945	795 1000	835 1040	875 1100	835 1030	885 1095	910 1135
1200 x 2100	795 985	825 1030	865 1080	910 1140	865 1070	920 1135	945 1180

* PRM - Zinc Chromo Yellow primer painted.

* PWD - Electrostatic Powder coated.

* W - Overall width of frame.

* H - Overall Height of frame.

* All Dimensions for W, H, Rebate & Cross Section are in 'MM'

B. G. SHIRKE CONSTRUCTION TECHNOLOGY LTD.

SHIRKE

Regd. Office & Factory : Tel. : 670151, 670152, 670232,
72-76, MUNDHWA : 670727, 670861, 670862
PUNE-411 036. (INDIA) Fax : (0212) 671612

Telex : 0145/7280 "BGSP IN"
: 0145/7258 "BGSM IN"
Grams : "BUILDALL"

PRICE LIST

(W. E. F. : 01-04-97)
PRICE OF SHIRKE POLYNORM G. P. STEEL SHEET

WINDOW FRAMES

PRICES IN RUPEES PER FRAME

DIMENSIONS WIDTH MM		(SINGLE REBATE)				(DOUBLE RABATE)	
		C / S 90 x 50		C / S 110 x 50		C / S 110 x 50	
		PRM	PWD	PRM	PWD	PMC	PWD
SHEET THICKNESS 1.00 MM							
600 x 600		495	530	505	605	540	640
750 x 600		520	630	540	650	575	685
900 x 600		535	650	550	675	585	710
1200 x 600		580	715	600	740	635	775
900 x 900		580	715	600	740	635	775
900 x 1200		625	775	650	810	685	845
1200 x 1200		670	840	690	875	725	910
1200 x 1350		695	880	725	920	760	955
SHEET THICKNESS 1.25 MM							
600 x 600		535	630	550	650	585	685
750 x 600		570	680	585	700	620	735
900 x 600		585	700	605	725	640	760
1200 x 600		640	775	660	805	695	840
900 x 900		640	775	660	805	695	840
900 x 1200		695	845	720	885	755	920
1200 x 1200		745	920	775	960	810	995
1200 x 1350		785	970	815	1015	850	1050

NOTES * Width of 1350 mm & above will be supplied with transom and prices for the same will be offered separately on request.

* PRM - Zinc chrome Yellow Primer Coated.

* PWD - Electrostatic Powder Coated.

* C / S - Cross Section.

* All Dimensions For Width, Height, Cross Sections & Rebate are in MM

SHIRKE

TERMS & CONDITIONS

- 1) The rates mentioned in price list are for frames with either Zinc chrome yellow primer paint or in powder coated in shades of cream/chocolate brown/sunwell grey.
- 2) Our standard accessories provided along with the frames are

ACCESSORIES	DOOR	WINDOW
HOLD FAST	4 NOS	4 NOS
HINGES	1 OR 4 NOS	4 NOS
ALDROP BUSH	1 NO	-
TOWER BOLT BUSH	1 NO	2 NOS
DISTANCE BAR	1 NO	-

- 3) Provision for non standard accessories will be made as per customer requirement like - Night Latch, Mortise Lock, Baby Latch, Safety Chain, Rubber Shock Absorber. (Necessary sample should be provided at the time of placing order).
- 4) Frames may be despatched in dismantled condition.
- 5) Packing/Forwarding & Assembly charges will be extra as required.
- 6) Above prices are ex-works Pune.
- 7) Government levies will be charged as applicable on the date of despatch. Prevailing rates are as under
Excise Duty - @ 15%
Sales Taxes - @ 13% for sale within Maharashtra
 @ 4% against 'C' form for sale out of Maharashtra
- 8) Payment 30% advance along with Purchase Order & balance before despatch of material.
- 10) Validity / This offer is valid upto one month from offer date.

V.D. MADIGALE
(MARKETING)