



MOLDED GRATING SPECIFICATION

38×38

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	13	6.0/5.0	38×38	1220×3660, 1220×4000, 1220×2440, 921×3055, 1264×4010	6.0	78
	14	6.0/5.0	38×38	1220×3660, 1220×4000, 1220×2440, 921×3055, 1264×4010	6.5	78
	15	6.0/5.0	38×38	1220×3660, 1220×4000, 1220×2440, 921×3055, 1264×4010	7.0	78
	20	6.0/5.0	38×38	1220×3660, 1220×4000, 1524×4010, 997×3012	9.8	65
	25	6.0/5.0	38×38	1220×3660, 1226×4010, 1530×4010, 921×3055, 1524×4000, 997×3012	12.3	68
	30	6.0/5.0	38×38	1220×3660, 1220×4010, 921×3055, 1524×4010	14.6	68
	38	7.0/5.0	38×38	1220×3660, 1220×4010, 2100×4240, 998×4010, 1220×2440, 921×3055, 1530×4010, 1530×3050, 1000×4000, 1226×3665	19.5	68
	50	9.5/7.5 heavy duty	38×38	1220×4010, 1220×3666, 1230×4010, 1220×2440, 921×3055	42	56
	60	10.5/8.5 heavy duty	38×38	1230×4010	50.4	54
	70	11.0/9.0 heavy duty	38×38	1230×4010	58.8	49

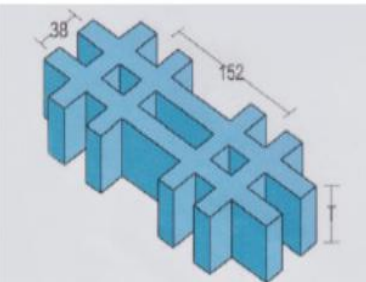
40×40

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	25	7.0/5.0	40×40	1007×3007, 1007×4007, 1247×4047, 1527×4047	12.3	67
	30	7.0/5.0	40×40	1527×4047, 1007×3007, 1247×4047	14.6	67
	38	7.0/5.0	40×40	1527×4047, 1247×4047, 1007×3007, 1007×4047	19.2	67
	40	7.0/5.0	40×40	1527×4047, 1007×3007, 1007×4047, 1247×4047	19.5	67

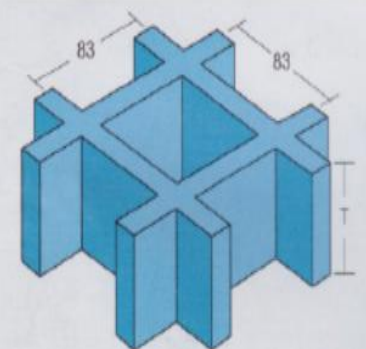
50×50

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	15	6.0/5.0	50×50	1228×4020, 1220×3660, 1220×2440	5.9	82
	40	6.8/5.0	50×50	1787×4530, 1225×4530	17.2	80
	25	7.0/6.0	50×50	1220×3660, 1226×4020, 1220×2440, 915×3050	11.5	78
	50	8.0/6.0	50×50	1524×4000, 1220×3660, 1220×2440, 1220×4000, 915×3050, 1532×4020	23.7	78

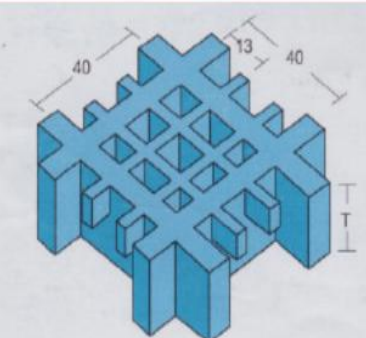
38×152

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	7.0/5.0	38×152	580×3660, 580×4120	17	65

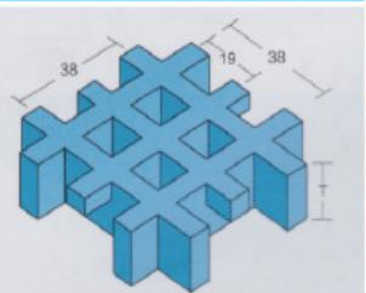
83×83

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	7.0/5.0	83×83	1007×4007, 1007×3007, 1007×4255	10.0	84
	40	7.0/5.0	83×83	1007×4007, 1007×3007, 1007×4255	11.0	84

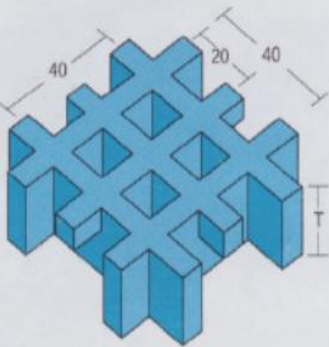
13×13/40×40 Micro mesh

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	25	6.5/4.5/5.0	13×13 40×40	1247×4047, 1007×3007, 1007×4047, 1530×4047	17.8	30
	30	6.5/4.5/5.0	13×13 40×40	1527×4047, 1247×4047, 1007×3007, 1007×4047	19.1	30
	38	6.5/4.5/5.0	13×13 40×40	1527×4047, 1247×4047, 1007×3007, 1007×4047	23.8	30

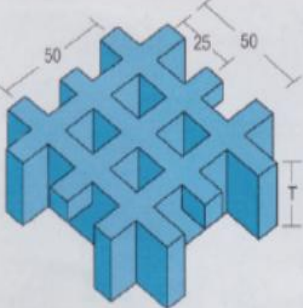
19×19/38×38

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	25	6.5/5.0	19×19 38×38	1220×3660, 1220×2440, 921×3055 1226×4007, 1268×4007	16.8	30
	30	6.5/5.0	19×19 38×38	1220×3660, 1220×2440, 921×3055, 1220×4000, 1530×4047	18.8	30
	38	6.5/5.0	19×19 38×38	1220×3660, 1220×2440, 921×3055, 1220×4000, 1226×4010	23.5	30

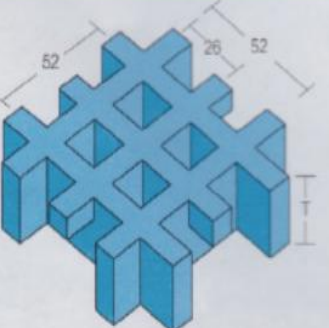
20×20/40×40 mini mesh

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	14	6.0/5.0	20×20 40×40	1247×4047, 1007×3007	10.5	42
	22	6.0/5.0	20×20 40×40	1247×4047, 1007×3007, 1527×4047	14.8	42
	25	6.0/5.0	20×20 40×40	1247×4047, 1527×4047	16.8	42
	30	7.0/5.0	20×20 40×40	1007×4047, 1007×3007, 1247×4047, 1527×4047	18.3	42
	38	7.0/5.0	20×20 40×40	1007×4047, 1007×3007, 1247×4047, 1527×4047	23.2	42
	40	7.0/5.0	20×20 40×40	1007×4047, 1007×3007, 1247×4047, 1527×4047	23.7	42

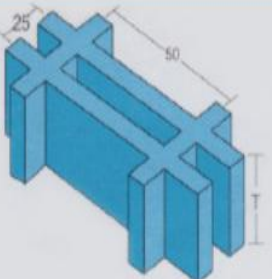
25×25/50×50

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	50	8.0/6.0	25×25 50×50	1530×4020	28.5	55

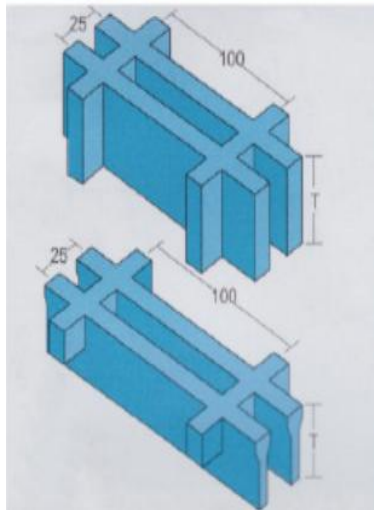
26×26/52×52 mini mesh

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	30	7.0/6.0	26×26 52×52	1530×4000, 1532×4050	15.3	60
	38	6.0/5.0	26×26 52×52	1517×4015	19.5	60

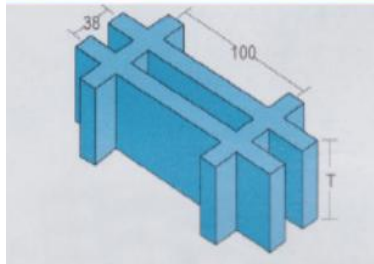
25×50

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	11.0/9.0 heavy duty	25×50	1220×1835	30.7	48
	50	12.0/9.0 heavy duty	25×50	1220×1835	41.8	48

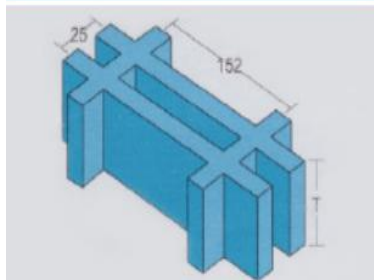
25 × 100/100 × 25

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	25	7.0/5.5	100×25	1007×3007, 1007×4007, 1500×4028	13.0	67
	25	7.0/5.0	25×100	1220×3660, 915×3050	13.83	67
	25	9.5/8.0 heavy duty	100×25	1220×3660, 1220×2440, 915×3050	19.5	52
	30	7.0/5.5	100×25	1007×3007, 1007×4007	15.6	67
	38	8.0/6.0	100×25	1220×3660	22.8	62
	38(T-shape)	15.0/5.0	25×100	1220×3660, 1225×4170	21	62

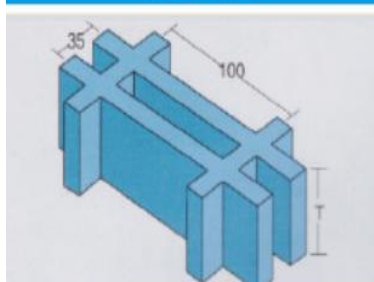
100 × 38

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	8.0/6.0	100×38	1226×3665, 1530×4047, 921×3050	16.4	65

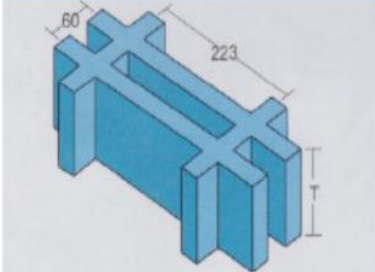
25 × 152

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	8.0/6.5	25×152	1220×3660, 1220×2440, 1220×4124, 921×3050	22.8	63

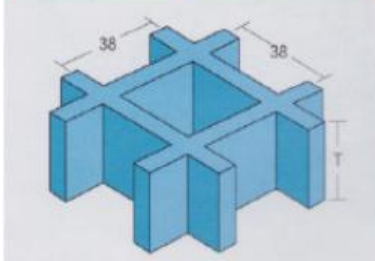
100 × 35

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	7.0/5.0	100×35	1407×4277, 2407×2982	15	63

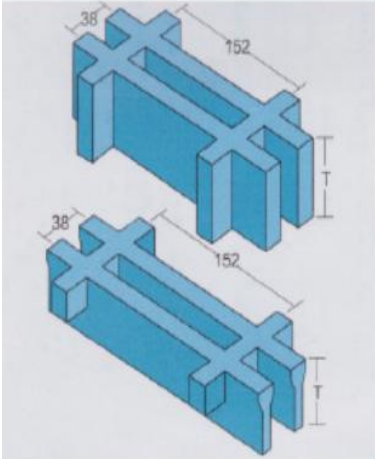
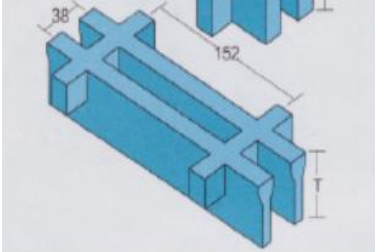
60×223

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	40	6.3/6.5	60×223	1788×2238, 1788×4250	9.0	67

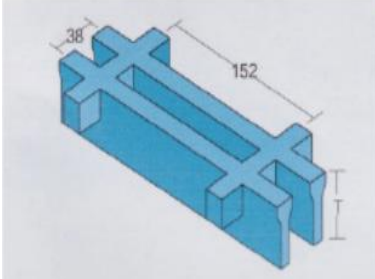
38×38 Phenolic grating

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	7.0/5.0	38×38	1220×3660, 1416×3660, 1416×4010	19.5	68

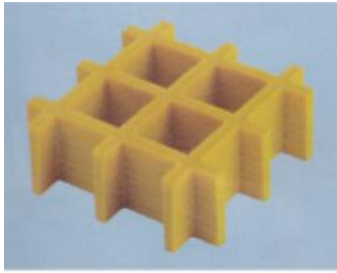
152×38

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38	8.0/6.0	152×38	1220×3660, 1220×2440, 915×3050	15.92	67
	38 (T-shape)	15.0/8.0	38×152	1500×3660	19	62

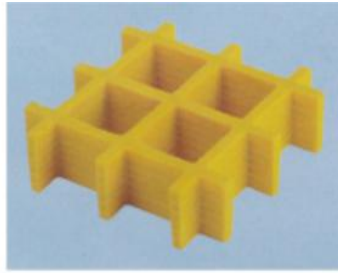
38×152 Phenolic grating

Legend	thickness (mm)	Bar thickness (Top/Bottom)	Mesh size (mm)	panel Size available (mm)	Weight (kg/m ²)	Open Rate (%)
	38 (T-shape)	15.0/8.0	38×152	1500×3660	19.0	62

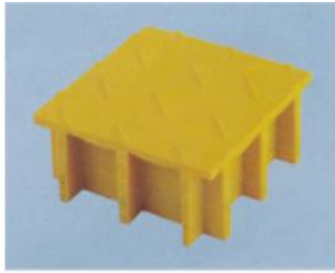
SURFACES



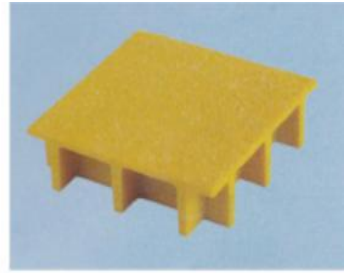
Concave Surface



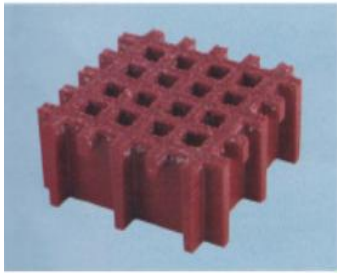
Smooth Surface



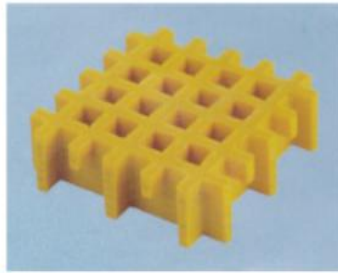
Solid cover-checker



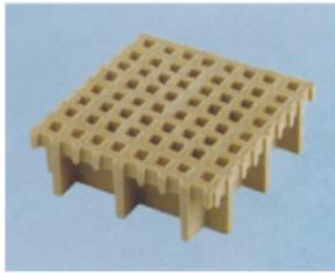
Solid cover-gritted



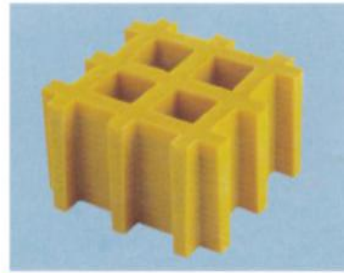
Gritted Surface



Mini Mesh Surface



Micro Mesh Surface

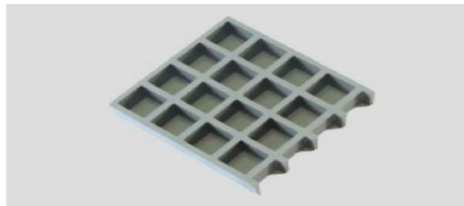


Heavy Duty

SURFACE APPLICATION SUGGESTION



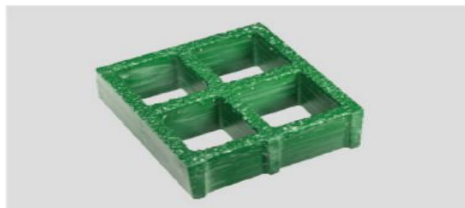
concave surface.
most normal anti-slip type



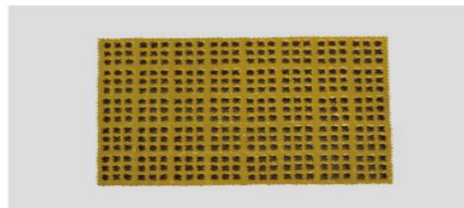
smooth surface.usually used for
declaration,door,partition and ceiling.



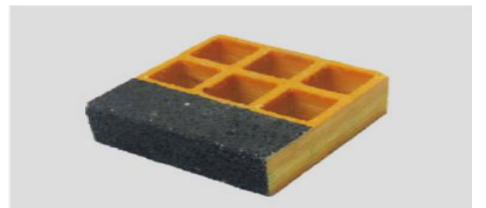
solid-covered surface.
excellent anti-slip,prevent the
liquid leakage and the
gas&smole volatilization



gritted surface,
excellent anti-slip.



micro/mini mesh surface,
prevent the tool and sundries falling



solid nosing,for anti-slip stairs

CHEMIACL RESISTANCE CHART OF MOLDED GRATING

Chemical	Description			
	%Conc.	Type'vinyl'	Type'Iso'	Type'Ortho'
Hydrochloric acid	30	82	65	65
Nitric acid	35	38	N/R	N/R
Suiphuric acid	25	82	65	65
Hydrofluoric acid	10	24	N/R	N/R
Lactic acid	100	82	65	60
Hypochlorous acid	SAT	60	N/R	N/R
Citric acid	ALL	49	N/R	N/R
Potassium hydroxide	10	49	N/R	N/R
Sodium hydroxide	10	82	N/R	N/R
Calcuim hydroxide	25	82	65	65
Calcium hypochloreide	25	82	65	65
Ferric chloride	100	82	65	65
Aluminium chloride	ALL	82	65	65
Mercuric chloride	100	82	65	65
Sillver nitrate	100	82	65	65
Sodium salt	ALL	24	N/R	N/R
Zinc chloride	ALL	24	24	24
Acetone	100	124	N/R	N/R
Chloroform	100	N/R	N/R	N/R
Fuel	ALL	38	38	38
Nantokite	ALL	82	65	65
Phenols	10	24	N/R	N/R
Ozone	ALL	38	38	38
Bleaching liquid	ALL	82	N/R	N/R
Ammonium hydroxide	30	24	N/R	N/R
Ammonium salt	ALL	24	N/R	N/R
Black sewage	ALL	82	N/R	N/R
Cupric oxide	ALL	52	52	52
Glycol	100	82	65	65
Sulfur dioxide	SAT	82	65	65
Sodium phosphate	50	82	N/R	N/R
Water	100	82	65	65
Alum	ALL	82	65	65
Chlorine water	SAT	49	N/R	N/R

ALL-concentrations;SAT-saturated solution;N/R-not recommended;...-no information available



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