

> **Fiberglass flooring with several resin systems**

All resin types can be modified acc. special requirements like corrosion resistance, temperature and fire performance.

Orthophthalic Polyester resin(OPR) - Budget resin for light-corrosive applications

- resin type: orthophthalic polyester
- hardly flammable, halogenic free (non-toxic)
- self-extinguishing properties
- HDT (A): 80 °C
- dimensional stability (Martens): 160°C

Isophthalic Polyester resin (IPR) - Standard resin for several applications/universal use

- resin type: isophthalic polyester
- hardly flammable, halogenic free (non-toxic)
- self-extinguishing properties
- HDT (A): 120 °C
- dimensional stability (Martens): 160°C

Vinyl Ester resin (VER) - For extreme chemical resistance

- resin type: vinyl ester
- hardly flammable, halogenic free (non-toxic)
- self-extinguishing properties
- HDT (A): 120 °C
- dimensional stability (Martens): 180°C

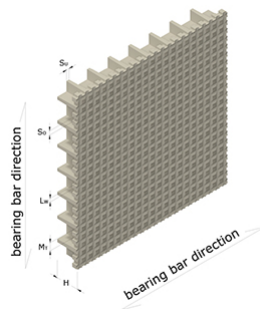
Vinyl ester resin is recommended if higher temperature impact and chemical resistance with long service life is needed. Vinyl ester resin is hence suitable for quality gratings with high durability used under harsh conditions.

Phenolic resin (PHR) - for maximum fire safety

- resin type: phenolic resin
- hardly flammable
- self-extinguishing properties
- HDT (A): 160 °C
- dimensional stability (Martens): 180°C

Phenolic resin primarily has high temperature and fire resistance, a small smoke emission and low combustion gas toxicity. The flame spread is extremely low.

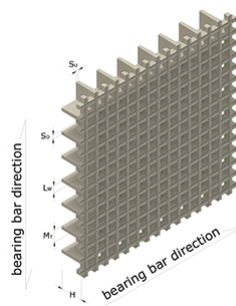
> **Square mesh <10 mm**



HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
30*	5/7	13,3 x 13,3 (40 x 40)	~8x8	30	19	3007 x 1007 (QB)	4047 x 1527
38*	5/7	13,3 x 13,3 (40 x 40)	~8x8	30	24	3007 x 1007(QB)	4047 x 1527

*MEISER keeps the so called EBA permission (EBA = legal authority of German Railways) for all related GRP- products acc. DBS 918 010 (TM = technical memorandum). Consequently all marked products can be used in typical applications like walkways, platforms & escape routes.

> **Square mesh max. 14 mm**

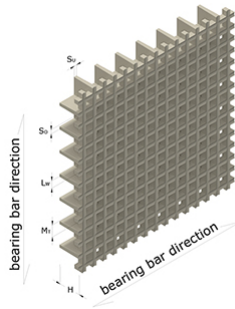


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HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
15	5/6,4	20 x 20 (40 x 40)	~14 x 14	42	10,5	-	4047 x 1247
25*	5/6,4	19 x 19 (38,1 x 38,1)	~13 x 13	38	15,5	-	4005 x 1220
30*	5/7	20 x 20 (40 x 40)	~13 x 13	42	17,5	3007 x 1007 (K) 2007 x 1007 (KB) 3007 x 1007 (KB)	4047 x 1247
38*	5/7	20 x 20 (40 x 40)	~13 x 13	42	23	3007 x 1007 (K) 3007 x 1007 (KB)	4047 x 1247
40*	5/7	20 x 20 (40 x 40)	~13 x 13	42	23,7	-	4047 x 1247

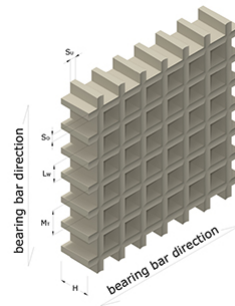
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> Square mesh max. 19 mm



HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
30	5/7	26 x 26 (52 x 52)	~19 x 19	45	16	3022 x 995 (KB)	4011 x 1150
38	5/7	26 x 26 (52 x 52)	~19 x 19	45	19	3022 x 995 (KB)	4011 x 1150
50	6/8	25,3 x 25,3 (50,7 x 50,7)	~18 x 18	40	26	-	3665 x 1225

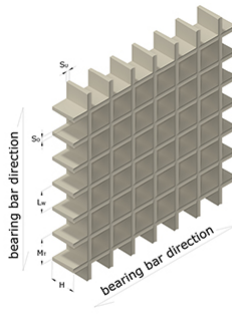
> Square mesh max. 28 mm



HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
40*	9/10	38,1 x 38,1	~28 x 28	47	35	-	3665 x 1225
50*	9/11	38,1 x 38,1	~27 x 27	47	39	2445 x 1225 (KB)	3665 x 1225
60*	9/11	38,1 x 38,1	~27 x 27	47	52	2445 x 1225 (KB)	3665 x 1225

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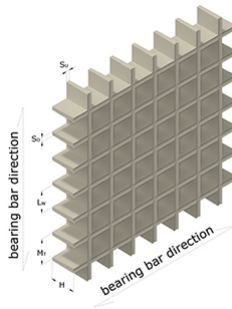
> Square mesh max. 33 mm



HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/ TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
13	5/6	38,1 x 38,1	~32 x 32	72	6,5	3660 x 1220 (K)	3660 x 1220
20	5/6,4	38,1 x 38,1	~32 x 32	69	9,2	-	3660 x 1220
25*	5/6,4	38,1 x 38,1	~32 x 32	69	12,5	1987 x 997 (K) 3660 x 1220 (K)	3660 x 1220
25*	5/6,6	40 x 40	~33 x 33	67	12,2	-	4047 x 1247
30*	5/6,6	38,1 x 38,1	~32 x 32	69	15	1987 x 997 (K) 3012 x 997 (K) 3660 x 1220 (K)	4008 x 1525
30*	5/7	40 x 40	~33 x 33	67	14,5	2007 x 1007 (KB) 3007 x 1007 (KB)	4047 x 1247
38*	5/7	38,1 x 38,1	~31 x 31	68	19	1987 x 997 (K) 3012 x 997 (K) 3012 x 1220 (KB) 3660 x 1220 (K)	3969 x 1525
38*	5/7	40 x 40	~33 x 33	67	20	2007 x 1007 (KB) 3007 x 1007 (KB)	4047 x 1247
40*	5/7	40 x 40	~33 x 33	67	20	-	4047 x 1247
50*	6/8	38,1 x 38,1	~30 x 30	68	33	2440 x 1220 (K)	3660 x 1220
60*	7/9	38,1 x 38,1	~29 x 29	68	40	2440 x 1220 (K)	3660 x 1220

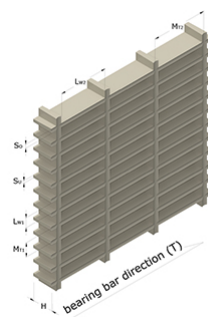
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> Square mesh max. 44 mm



HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/ TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
13	5/6,5	50,7 x 50,7	~44 x 44	74	5,3	3660 x 1220 (K)	3660 x 1220
50	5/8	50,7 x 50,7	~42 x 42	69	21,5	2000 x 1000 (K) 3660 x 1220 (K)	3665 x 1225

> Rectangular mesh



HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/ TOP (SO)	MESHSPACING [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
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HEIGHT H [MM]	BAR THICKNESS BOTTOM(SU)/ TOP (SO)	MESHSPACING (MT) [MM]	OPEN MESH [MM]	OPEN AREA [%]	WEIGHT [KG/M ²]	STOCK SIZE [MM]/SURFACE TYPE	MAX. PANEL SIZE [MM]
25	5/7	25,4 x 101,6	~18 x 95	67	13,1	-	3660(T**) x 1220
38	5/7	25,4 x 152,4	~18 x 143	56	21,4	-	3665(T**) x 1226
38	5/7	38,1 x 101,6	~31 x 95	74	14,5	-	3660(T**) x 1220
50	5/8	38,1 x 152,4	~30 x 144	72	21	-	3660(T**) x 1220

**Bearing bar direction T