



Construction  
Reinforcements

**CONSTRUCTION  
RANGE  
SELECTOR GUIDE**

**CHOMARAT**

# CONSTRUCTION RANGE

## → SCRIM

**ROTATEX™** is a bi-directional nonwoven reinforcement bonded or not on a veil or foil. It can be produced with glass or polyester yarn, with different material foils.

DESIGNATION	Total Weight (gsm)	Minimum Tensile Strength (N/5cm)	Scrim Material	Yarn (tex)	Mesh Size (mm)	Yarn Count (1/cm)	Coating	Nonwoven/Foil	Width (cm) std/max
<b>ROTATEX</b> G500 E60 B	105	500 x 500	Glass	68	5 x 5	2,0 x 2,0	SB	Polyester	100/300
<b>ROTATEX</b> G550 E17 A	58	550 x 550	Glass	68	5 x 5	2,0 x 2,0	SB	Polyester	100/300
<b>ROTATEX</b> G550 G35 A	75	550 x 550	Glass	68	5 x 5	2,0 x 2,0	SB	Glass	100/300
<b>ROTATEX</b> G915 G50 A	119	916 x 932	Glass	68	2,5 x 2,5	3,5 x 3,5	SB	Glass	100/300
<b>ROTATEX</b> G800 G	58	750 x 750	Glass	68	3,3 x 3,3	3,0 x 3,0	SB	-	100/300
<b>ROTATEX</b> G800 R	120	800 x 800	Glass	68	3,3 x 3,3	3,0 x 3,0	PVC	-	100/250
<b>ROTATEX</b> G800 AL55 C	110	800 x 800	Glass	68	3,3 x 3,3	3,0 x 3,0	SB	Polyester/Aluminium	100/155
<b>ROTATEX</b> G900 AL70 A	141	850 x 850	Glass	68	2,9 x 3,3	3,5 x 3,0	SB	Embossed ALU	108/200
<b>ROTATEX</b> G1100 R	139	1000 x 800	Glass	68	2,5 x 3	4,0 x 3,15	PVC	-	90/250
<b>ROTATEX</b> GE600 E100 A	175	600 x 600	Glass + PET	110+34	3+1 x 3+1	3,3+1 x 3,3+1	SB	Polyester	100/200
<b>ROTATEX</b> WG205 G50 G9 R	220	2000 x 2000	Glass	640 x 600	10 x 10	1,0 x 1,0	SB	Glass	100/233

## → GRID

**ROADTEX™** is a glass fibre grid for asphalt reinforcement.

DESIGNATION	Total Weight (gsm)	Minimum Tensile Strength (N/5cm)	Scrim Material	Yarn (tex)	Mesh Size (mm)	Yarn Count (1/cm)	Coating	Nonwoven/Foil	Width (cm) std/max
<b>ROTATEX</b> G500 E80 A	140	500 x 800	Glass	68 x 136	5 x 5	2,0 x 2,0	SB	Polyester	100/300
<b>ROTATEX</b> WG205 G9 R	170	1750 x 1750	Glass	640 x 600	10 x 10	1,0 x 1,0	SB	-	100/300
<b>ROADTEX</b> RL 50X50 E17 B	206	2500 x 2500	Glass	3000 x 2720	40 x 40	0,25 x 0,25	SB	Polyester	100/300
<b>ROADTEX</b> RL 50X50 E50 A	239	2375 x 2375	Glass	3000 x 2720	40 x 40	0,25 x 0,25	SB	Polyester	100/300
<b>ROADTEX</b> RL 100X100DEC E17 C	390	4750 x 4750	Glass	6000 x 6000	40 x 40	0,25 x 0,25	SB	Polyester	100/300
<b>ROADTEX</b> RL 100X100DEC E50 B	423	5000 x 5000	Glass	6000 x 6000	40 x 40	0,25 x 0,25	SB	Polyester	100/300



## →WOVEN SCRIM

**WOVEN SCRIM** is a warp and weft woven reinforcement with chemical binder.

DESIGNATION	Total Weight (gsm)	Minimum Tensile Strength (N/5cm)	Scrim Material	Yarn (tex)	Mesh Size (mm)	Yarn Count (1/cm)	Coating	Width (cm) std/ max
<b>G-WEAVE</b> 75P 20 HAUT	95	1500 x 1100	Glass	68	1,7 x 2	6,0 x 5,0	SB	100/140

## →UD RANGE FOR CIVIL ENGINEERING

**C-TAPE**™ is a uni-directional reinforcement made of carbon fibre for external strengthening of concrete.

DESIGNATION	Total Weight (gsm)	Pattern	Warp (ends/cm)	Weft (picks/cm)	Width (cm)	Roll Length (lm)
<b>C-TAPE</b> UD300 CF24 K	310	Plain	1,8	1	30	167

## →CARBON EPOXY GRID

**C-GRID**® is a unique patented carbon and epoxy grid product to reinforce concrete structures.

DESIGNATION	Total Weight (gsm)	Minimum Tensile Strength Longitudinal x Transverse (kN/m)	Minimum Tensile Strength Longitudinal x Transverse (kips/ft)	Strand Spacing Longitudinal x Transverse (mm)	Strand Spacing Longitudinal x Transverse (inch)	Width (cm)
<b>C-GRID</b> C50 1.80 X 1.60	230	97 x 109	6,67 x 7,50	46 x 41	1,8 x 1,6	241
<b>C-GRID</b> C50 2.36 X 2.36	165	74 x 74	5,08 x 5,08	60 x 60	2,36 x 2,36	241
<b>C-GRID</b> C50 2.95 X 2.95	130	59 x 59	4,07 x 4,07	75 x 75	2,95 x 2,95	241
<b>C-GRID</b> C50 3.5 X 4.0	100	49 x 44	3,39 x 3,0	90 x 102	3,54 x 4,0	241
<b>C-GRID</b> C12 1.5 X 1.5	65	27 x 27	1,86 x 1,86	38 x 38	1,5 x 1,5	91



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