Aleris 55 HX®

Alumeco ApS stock program

Chemical composition

Si Min	Fe Min	Cu Min	Mn Min	Mg Min/Max	Cr	Zn	Other elements Each	 Combined
0,3	0,7	0,2	0,2	0,50/1,10	0,1	0,25	0,05	0,15

Mechanical properties

Thickness (mm)	Tensile strength Rm MPa	Yield strength $Rp_{0,2}$ MPa	Elongation A50 mm
1,0 <= 1,5	145-185	Min. 120	Min. 2%
1,5 <= 3,0	145-185	Min. 120	Min. 3%
3,0 <= 4,0	145-185	Min. 120	Min. 4%

55HX® complies with EN 5005 H14 with an optimized chemical composition and excellent mechanical properties.

Surface

Aleris 55 HX® is available in mill finish or anodized.

Anodizing layer topside minimum 10 my or minimum 15 my. Color natural 55HX standard.

Topside with protective foil on 1 side.

Available stock dimensions

	1,0 mm	1,5 mm	2,0 mm	3,0 mm	4,0 mm
1000x2000 mm	*	*	*	*	***
1250x2500 mm	*	*	*	*	
1500x3000 mm	**	*	*	*	
1500x4000 mm			***	***	

*mill finish, anodized min. 10 my and anodized min. 15 my

**mill finish and anodized min. 15 my

***mill finish

Applications

Facades and claddings

Ceilings and walls

Roofs

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