

COATED PRODUCTS - GENERAL INFORMATION

GENERAL REQUIREMENTS					
GALVANIZED SHEET BY IMMERSION					
PROPERTIES OF STEEL BASE					
SPECIFICATION		MECHANICAL PROPERTIES			USE INDICATED
NBR	DEGREES	LIMIT FLOW (MPa)	LIMIT RESISTANCE (MPa)	ELONGATION (%) MIN. (L0=50MM)	
7008	ZC	—	—	—	Commercial
	ZE	—	315 a 390	28	Stamping
	ZEE	—	315 a 375	31	
10735	ZAR230	230 mín.	310 mín.	22	Structural
	ZAR250	250 mín.	360 mín.	18	
	ZAR280	280 mín.	380 mín.	16	
	ZAR345	345 mín.	430 mín.	12	

COATING		
GALVANIZED		
ZN LAYER		
TYPE	a (PER SIDE)	G/M ²
X	7	85
A	11	160
B	17,5	250
C	22	315

METALLIC SHEETS

The metallic sheets can be of three types:

1) Tinplate: (FL / BFL)

Steel sheet coated with layers of tin and passivation film with chromium compounds on both sides.

2) Chrome sheet: (FLR / BCR)

Steel sheet coated with chromium metal and chromium oxide on both sides.

3) uncoated sheet: (FNR / BNR)

PRODUCT	STANDARDS
FL/BFL	NBR 6665, ASTM A 624, 42-95
FCR/BCR	NBR 6665, ASTM A 657, JIS G 3315 SPTFS, EURONORM EN-10202
FNR/BNR	NBR 6665, ASTM 625/JIS G 3303 SBP, NM 42-95, EURONORM EN 10203

CHEMICAL COMPOSITION (TYPICAL FOR METAL SHEETS)									
TYPE	C	Mn	P	S	Si	Cu	Ni	Cr	Mn
MR TYPE	0,13	0,60	0,02	0,05	0,02	0,20	0,15	0,10	0,05