

Description:**Manhole in set Art. 600Fr + 600Mr D400****Normative: EN124-2:2015****N.1****N.2****N.3****DIMENSIONAL CONTROLS (tolerance according to EN 124 and UNI 7601)**

				N.1	N.2	N.3
1	7.1	General control	Absence of defects	OK	OK	OK
2	6.1	Vents in covers				
		a) area	≥5% area of circle with diameter = CO if CO ≤ 600 ≥140 cm ² if CO > 600 mm			
		b) slots	Length ≤ 170 mm			
			Width from 18 to 25 mm for A15 and B125			
			Width from 18 to 32 mm for C250 to F900			
		c) holes	Diameter from 18 to 38 mm for A15 and B125			
Diameter from 30 to 38 mm for C250 to F900						
3	6.2	Clear opening	≥ 600 mm if request	OK	OK	OK
			According to drawing			
4	6.3	Depth of insertion	≥50 mm for D400 E600 F900			
			Doesn't apply if cover is secured by locking device	OK	OK	OK
			According to drawing			
5	6.4	Total clearance				
		a) for cover in one or two pieces	≤ 7 mm for CO ≤ 400 mm			
			≤ 9 mm for CO > 400 mm	OK	OK	OK
b) for cover in three pieces	≤ 15 mm (≤ 5 mm each individual clearance)					
6	6.5	Compatibility of Seatings	Compatibility of seating for classes D400 to F900, test according to 8.4.5 Annex D: $\Delta h_{k \max} [\text{mm}] \leq 0,5 \times \text{Depth of insertion} / \Delta h_{k \max} \leq 25 \text{ mm}$	-	-	-
7	6.6	Securing of cover/grating within the frame according to 8.4.6	a) Securing feature test according to Annex E	-	-	-
			b) Mass per unit area			
			c) specific design feature test according to Annex E			
8	6.8	Slot dimensions	Water way > 30% of clear area			
9	6.9	Dirt pans and buckets	According to drawing			
10	6.10	Positioning of cover	According to drawing	OK	OK	OK
11	6.11	Flatness	For classes D400 to F900: ≤ 1% of CO ; ≤ 6mm	OK	OK	OK
12	6.13	Surface conditions	Upper surface made of concrete (according to 7.4.2 a)			
			Upper surface with a defined raised pattern (according to 7.4.2 b) 10% ≤ ΣA_n ≤ 70%	-	-	-
			USRV of not less than 35 when tested according Annex C (according to 7.4.2 c)			
13	7.13 EN124 :1995	Loosening and opening of cover	According to drawing	OK	OK	OK
14	6.14	Sealed manhole cover	According to drawing			
15	6.15	Frame bearing area	≤ 7.5 N/m ² in relation to test load	OK	OK	OK
16	6.16	Frame depth	≥100 mm from D400 to F900	OK	OK	OK
			≥75 mm for D400 if frame in fixed with anchoring			
			According to drawing			
17	7.17	Opening angle	≥100°	OK	OK	OK