Tegra 425 PP Inspection chamber according to DIN EN 13598-2

Application area:

Inspection chamber for municipal and domestic drainage for foul- and rainwater systems. Tegra 425 PP can be installed in heavy traffic area according to LM1 (DIN EN 1991-2/NA), former SLW 60. Fulfills the specifications of WHG §60 and §61. Applicable in drinkingwater areas II and III (DWA-A 142). Smooth wall pipe systems according to DIN EN 1401, 1852, 14758, 13476-2, X-Stream pipes according to DIN EN 13476-3 can be connected directly. Installation depths up to 6.0 m, in groundwater max. 5.0 m possible. Tegra 425 PP is equipped with an integrated flexible ball joints to adjust change in directions and gradients.

Product specifications:

O Inside diameter: DN/ID 425

- Flow profile: straight, bend, branch (see technical manual)
- O Connection dimensions: DN/OD 160, 200, 250, 315
- Connection: socket for smooth wall pipes, with flexible ball joint infinitely adjustable up to 15°
- Shaft pipe: corrugated
- Cover: depends on type of traffic, directly or with telescope; A 15, B 125, D 400 according to DIN EN 124
- Support covers: two-piece plastic support ring set according to the load class for covers B 125 and D 400; on-site if required separable for subsequent assembly
- Material: base, shaft pipe, cover A15, telescope machette polypropylene (PP); telescope pipe (PVC-U), cover B125 and D400 cast iron
- O Color: base black, shaft pipe red brown
- O Standards: following to DIN EN 13598-2 and DIN EN 752
- Onnections: push fit system
- Seal material: according to DIN EN 681-1, SBR and EPDM
- O Leak tightness requirement: pressure test 2.5 bar
- Lifetime: up to 100 years
- O Installation depth: max. 6.0 m, in ground water max. 5.0 m

Installation conditions:

- O Installation has to be done in line with DIN EN 1610
- Compaction pending on traffic area between 95% (non-traffic area) and 98% (heavy traffic area)
- O Basement on bedding material according DIN EN 1610, no concrete needed
- Min backfill around the base and shaft DN/2
- O Protection against floating up to 5.0 m by full compaction



Flexible ball joint is infinitely adjustable up to 15°



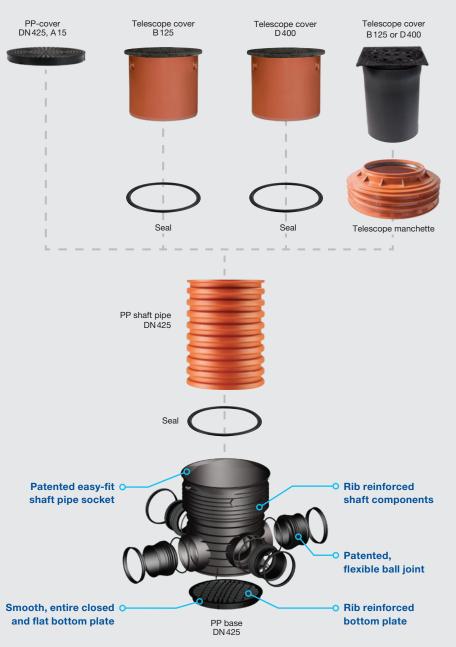


Tegra 425 PP

System specifications:

Diameter inside	DN/ID 425
Material	PP
Manhole	no
System	push fit system
Chamber outside/inside	ribbed/smooth
Base outside/inside	ribbed/smooth
Shaft pipe outside/inside	ribbed/smooth
Flexible ball joint	DN/OD160-DN/OD315
Pipe connections	EPDM (ball joint socket)
Shaft connections	EPDM
Cover	EPDM
Telescope / Telescope manchette	SBR
Max. installation depth	6,00 m
Max. installation depth in groundwater	5,00 m
Traffic load	LM1 according to DIN EN 1991-2/NA, rather: SLW60 according to DIN 1072
Cover classes	A15 – D400
Product standard	DIN EN 13598-2
Seal	DIN EN 681
Cover	DIN EN 124
Application standard	DIN EN 476 DIN EN 752 DIN 1986
Installation	DIN EN 1610
Guidelines	ATV-DVWK-A 142 DWA-A 110 DVS 2207-4
	Material Manhole System Chamber outside/inside Base outside/inside Base outside/inside Shaft pipe outside/inside Shaft pipe outside/inside Flexible ball joint Pipe connections Shaft conrections Cover Telescope / Telescope / Telescope manchette Max. installation depth Max. installation depth Max. installation depth Max. installation depth Gover classes Product standard Seal Cover Cover Application standard Installation

System components:



Wavin GmbH | Industriestraße 20 | 49767 Twist | T +49 5936 12-0 | F +49 5936 12-211 | info@wavin.de Connect to better at www.wavin.de



