

## NEXUS™ Structural Chamber



Sections



Assembled



Assembled with Cover

NEXUS™ is a unique patented twin wall access chamber system which comprises of high quality polypropylene modules that are assembled into ring sections prior to delivery. The system offers raising ring and duct entry ring sections as detailed. Each ring comprises male and female 'quick-click' connections enabling each to be quickly stacked in an array of arrangements thus allowing the positioning of duct entry sections to accommodate varying depths of ducting. For ducts exceeding the standard 64 mm and 114 mm diameter entry points, the raising ring can simply be core-drilled on site to accommodate all sizes of duct. On larger ducts it is recommended that raising ring sections are drilled for all duct entries in order to maintain structural rigidity.

### Features:

- High quality modular system
- Structural high strength without concrete surround
- Lightweight but strong thermoplastic Polypropylene (PP) material
- Assembled in 150 mm increments
- Vertical load tested to D 400 (40 tonnes)
- 64 mm & 114 mm Diameter preformed duct entry points option
- 100% Recyclable

### Standard Sizes

Code	Clear Opening (mm)	O/all Dim (mm)	Raiser Ref	Duct Entry Ref	Bracing	Entry Points
NX3030	300 x 300	400 x 400	RP	DE		8
NX4530	450 x 300	550 x 400	RP	DE		10
NX4545	450 x 450	550 x 550	RP	DE		12
NX6045	600 x 450	700 x 550	RP	DE		14
NX6060	600 x 600	700 x 700	RP	DE	*	16
NX7560	750 x 600	850 x 700	RP	DE	*	18
NX7575	750 x 750	850 x 850	RP	DE	*	20
NX9045	900 x 450	1000 x 550	RP	DE	*	18
NX9060	900 x 600	1000 x 700	RP	DE	*	20
NX9075	900 x 750	1000 x 850	RP	DE	*	22
NX9090	900 x 900	1000 x 1000	RP	DE	*	24
NX100100	1000 x 1000	1100 x 1100	RP	DE	*	28

Further sizes available in 25 & 150 mm increments

## NEXUS™ Structural Chamber

### Benefits:

- Easy one way fit and construction
- Lightweight system conforms to HSE recommendations
- Strong twin wall structural design
- Duct entry points easily knocked out with a hammer or cut with holesaw
- Manufactured from a 100% recycled material
- Larger sizes available in 150 mm increments



### Specification Clause:

The chamber shall be manufactured from virgin polypropylene material and is 100% recyclable. The chamber shall be manufactured of a structural twin wall construction with a nominal overall wall thickness of not less than 50 mm. The chamber sections shall be 150 mm high and positively interlock together with horizontal joints to form a robust unit to the size required on site. Duct entry sections to accommodate up to 114 mm ducting shall be preformed within the manufacturing process. Duct entries of a greater diameter can be cut on site. The chamber shall have the facility of an in built integral cable retention system. The chamber shall be manufactured under an ISO 9001 QMS. The chamber has been vertically load tested to BS EN 124:1994 test load to D 400 (40 tonnes)