

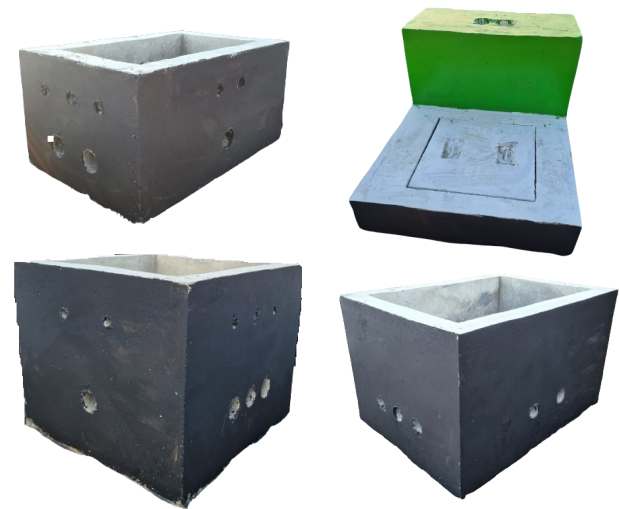
# UNDERGROUND ENCLOSURES - FTTH HANDHOLES



## Application

True Tech Solutions offers a full lineup of underground enclosures for infrastructure demands of any size. We design, manufacture, and deliver handholes made of the highest quality. We ensure that your project is in good hands with us.

A handhole may seem like a relatively straightforward product, no matter the nomenclature, but engineers and contractors know it is not so simple. From manufacturing to installation, every handhole must meet a set of complex specifications, including quality of materials, proper loading capabilities, safety and protection measures, sensible labels, and compliance with industry standards.



## TECHNICAL SPECIFICATIONS

	3x2x3 FTTH	3x3x3 FTTH	3x4x3 FTTH
External Size	3'-8" x 2'-8" x 3'-10"	3'-8" x 3'-8" x 3'-10"	3'-8" x 4'-8" x 3'-10"
Walls & Bed Thickness	4 Inches	4 Inches	4 Inches
Slab Thickness	6 Inches	6 Inches	6 Inches
Concrete Ratio	1:1.5:3	1:1.5:3	1:1.5:3
Main Pipe Sleeves	2 x 4" Dia on both sides	2 x 4" Dia on both sides	2 x 4" Dia on both sides
Distribution Pipe Sleeves	3 x 1.5" on both sides	3 x 1.5" on both sides	3 x 1.5" on both sides
Closed Pipe Sleeves	2 x 1.5" Dia	2 x 1.5" Dia	2 x 1.5" Dia
Curing	28 days/ Silka	28 days/ Silka	28 days/ Silka
External Coating	2 x hot bitumen	2 x hot bitumen	2 x hot bitumen
Steel Composition	3/8" U Shaped & Ring @ 6" c/c	3/8" U Shaped & Ring @ 6" c/c	3/8" U Shaped & Ring @ 6" c/c
Steel in Slab	1/2" @ 6" c/c both ways	1/2" @ 6" c/c both ways	1/2" @ 6" c/c both ways
Handhole Cover Size	16" x 24"	24" x 24"	24" x 24"
Handhole Cover	Angle Iron 2" x 2" x 3/16"	Angle Iron 2" x 2" x 3/16"	Angle Iron 2" x 2" x 3/16"
Neck Cover	Angle Iron 1.5" x 1.5" x 3/16"	Angle Iron 1.5" x 1.5" x 3/16"	Angle Iron 1.5" x 1.5" x 3/16"
Int. Cover Steel	1/2" @ 4" c/c both ways	1/2" @ 4" c/c both ways	1/2" @ 4" c/c both ways
Z Clamp (Optional)	Galvanized 10x10x15cm	Galvanized 10x10x15cm	Galvanized 10x10x15cm
Comprehensive Strength	Min. 13.5 N/mm <sup>2</sup> at 7 days, 20 N/mm <sup>2</sup> at 28 days	Min. 13.5 N/mm <sup>2</sup> at 7 days, 20 N/mm <sup>2</sup> at 28 days	Min. 13.5 N/mm <sup>2</sup> at 7 days, 20 N/mm <sup>2</sup> at 28 days
Load Bearing Capacity	12T/ sq ft for 6" thick roof-top 8 T/ sq ft for 4" thick rooftop	12T/ sq ft for 6" thick roof-top 8 T/ sq ft for 4" thick rooftop	12T/ sq ft for 6" thick roof-top 8 T/ sq ft for 4" thick rooftop

## Manufacturing Wing - True Tech Solutions

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