# PROSAFE Zone 1 GLASSFIBRE Industrial Safety Towers



**ZONE 1 AREAS** - these are defined as areas in which an explosive atmosphere is likely to occur in normal operation. In these areas only Zone 1 rated materials are acceptable. However, there are other areas within industrial and manufacturing processes that represent a greater than usual risk of fire or hazard from electrical or chemical contact or in 'clean' environments associated with food and hi-tec manufacture. When safe access is required in these areas in the course of production or maintenance tasks, the use of GRP products is highly recommended.

- Prosafe Zone 1 is FULLY COMPATIBLE with Boss Zone 1.
- Manufactured from 50mm diameter Glass Reinforced Plastic (GRP). It is fully certified to BS EN1004 (previously BS1139 Part 3), DIN4422-1 and fully complies with the latest Work at Height regulations and 3T Erection.
- Prosafe Zone 1 towers will not spark, will not oxidise, will not conduct electricity and will not corrode.
- Ladder-frame design has vertical ladders builtin to tower frames. This ensures access ladders cannot be lost or forgotten and also ensures that operatives use the safety of ladder access.
- Maximum safe working load per tower 720kg. Maximum safe working load per platform 225kg.
- → Heights up to 12m/40ft indoors and 8m/26ft outdoors.
- >> Choice of two lengths 1.8m/6ft and 2.5m/8ft
- Choice of two widths -1.45m / 5ft Double Width - standard size
- → Or 0.85m / 3ft Single Width for restricted access situations

Glassfibre Safety towers are commonly used in a wide variety of locations and industries - Oil refineries - Off-shore platforms - Aviation industry - Power stations - Electrical engineering - Paint shops - Chemical plants - Food manufacture - Pharmaceuticals - Rail industry - Dock yards and ports - 'Clean' environments - Military applications - Utilities - Gas industry



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## **PROSAFE Zone 1 GRP Safety Towers**



## **NON-CONDUCTIVE**

ProSafe Zone 1 is non-conductive making it safe to use around electrical installation for repair, inspection and maintenance work. It is particularly appropriate for use in electrical engineering applications and in the rail industry.

#### **NON-SPARKING**

Static electricity represents a real hazard in many industrial applications. Boss Zone 1 will not 'spark' and is

therefore safe to use in areas where dust, vapour or other combustible material is present.

## **NON-CORROSIVE**

GRP is a tough, non-corrosive material which is resistant to electrolytic corrosion caused by salt water, deterioration caused by caustic chemicals and damage arising from contact with gasoline, oils, lacquers, and most solvents commonly found in industrial sites.

## **NON-OXIDISING**

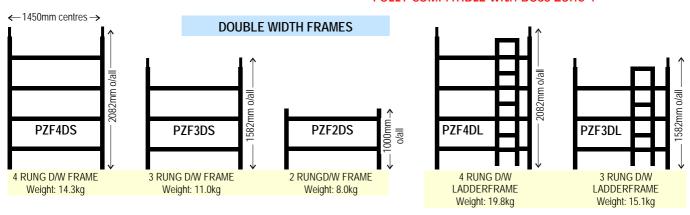
Unlike aluminium, GRP does not oxidise and so keeps work surfaces clean and residue free. This is essential in food manufacture, food preparation areas and in application which are 'clean' or hygiene sensitive.

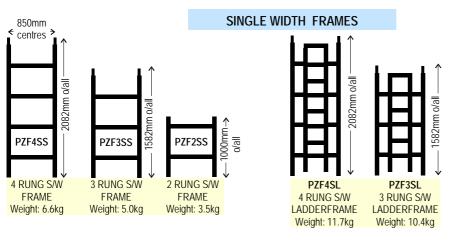


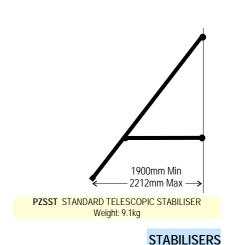


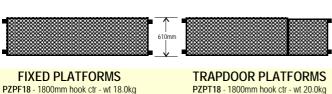
## **PROSAFE Zone 1** Components

#### **FULLY COMPATIBLE with BOSS Zone 1**



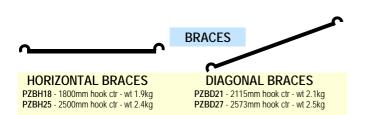


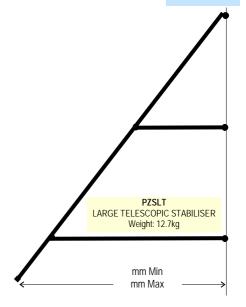




**PLATFORMS** 

PZPT25 - 2400mm hook ctr - wt 22.0kg







PZPF25 - 2500mm hook ctr - wt 20.0kg

PZC125 - 125mm / 5" diam - wt 3.0kg PZC150 - 150mm / 6" diam - wt 3.5kg PZC200 - 200mm / 8" diam - wt 5.0kg

**ADJUSTABLE LEG PZALS** Overall Length 600mm Adjustment 250mm Weight: 2.5kg

**CASTORS & LEGS** 



## TIMBER TOEBOARD ASSEMBLIES

PZTSD18 - 1800mm / 6ft x DW - wt 11.0kg PZTSD25 - 2500mm / 8ft x DW - wt 13.0kg

PZTSS18 - 1800mm / 6ft x SW - wt 9.0kg PZTSS25 - 2500mm / 8ft x SW - wt 11.0kg

## **PROSAFE Zone 1 GLASSFIBRE Safety Towers**

Appx Working Height	4.20	4.70	5.20	5.70	6.20	6.70	7.20	7.70	8.20	8.70	9.20	9.70	10.20	m
Tower Height	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	m
PLATFORM HEIGHT	2.20	2.70	3.20	3.70	4.20	4.70	5.20	5.70	6.20	6.70	7.20	7.70	8.20	m
Top Platform on Rung	4	5	6	7	8	9	10	11	12	13	14	15	16	
Components included to co	mply wi	ith 3T Er	ection,	Work at	Height I	Regs 20	05 and B	S EN100	<b>04</b> (prev	iously <b>E</b>	3S1139 F	Part 3 or	HD1004	)
Castor	4	4	4	4	4	4	4	4	4	4	4	4	4	
Adjustable Leg	4	4	4	4	4	4	4	4	4	4	4	4	4	
2 Rung Ladderframe	1	-	-	1	1	-	-	1	1	-	-	1	1	
2 Rung Span Frame	1	-	-	1	1	-	-	1	1	-	-	1	1	For details of greater heights please enquire.
3 Rung Span Frame	-	1	-	1	-	1	-	1	-	1	-	1	-	
3 Rung Ladderframe	-	1	-	1	-	1	-	1	-	1	-	1	-	
4 Rung Span Frame	1	1	2	1	2	2	3	2	3	3	4	3	4	
4 Rung Ladderframe	1	1	2	1	2	2	3	2	3	3	4	3	4	
Fixed Platform	1	1	1	1	1	1	1	1	1	1	1	1	1	
Trapdoor Platform	1	1	2	2	2	2	3	3	3	3	4	4	4	
Horizontal Brace	6	6	10	10	10	10	14	14	14	14	18	18	18	
Diagonal Brace	3	4	5	6	7	8	9	10	11	12	13	14	15	
Standard Stabiliser	-	-		-	-	-	÷	-	-	-	,	-	÷	
Large Stabiliser	-	4	4	4	4	4	4	4	4	4	4	4	4	
Toeboard Assembly	1	1	1	1	1	1	1	1	1	1	1	1	1	
				FUI	LLY CON	IPATIBLE	with BOSS	S Zone 1						
	D.T													
ZONE 1 SINGLE WI	אוט	GLASS	FIBRE	TOWERS	(0.85m	wide) -	COMPO	NENTS	LIST					
ZONE 1 SINGLE WI				TOWERS						8.70	9.20	9.70	10.20	m
Appx Working Height	4.20 3.50	4.70 4.00	5.20 4.50		6.20 5.50	wide) - 6.70 6.00	7.20 6.50	7.70 7.00	8.20 7.50	8.70 8.00	9.20 8.50	9.70 9.00	10.20	m m
Appx Working Height Tower Height	4.20	4.70	5.20	5.70	6.20	6.70	7.20	7.70	8.20					
Appx Working Height Tower Height PLATFORM HEIGHT	4.20 3.50	4.70 4.00	5.20 4.50	5.70 5.00	6.20 5.50	6.70 6.00	7.20 6.50	7.70 7.00	8.20 7.50	8.00	8.50	9.00	9.50	m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung	4.20 3.50 <b>2.20</b> 4	4.70 4.00 <b>2.70</b> 5	5.20 4.50 <b>3.20</b> 6	5.70 5.00 <b>3.70</b> 7	6.20 5.50 <b>4.20</b> 8	6.70 6.00 <b>4.70</b> 9	7.20 6.50 <b>5.20</b>	7.70 7.00 <b>5.70</b> 11	8.20 7.50 <b>6.20</b> 12	8.00 <b>6.70</b> 13	8.50 <b>7.20</b> 14	9.00 <b>7.70</b> 15	9.50 <b>8.20</b> 16	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co	4.20 3.50 <b>2.20</b> 4	4.70 4.00 <b>2.70</b> 5	5.20 4.50 <b>3.20</b> 6	5.70 5.00 <b>3.70</b> 7	6.20 5.50 <b>4.20</b> 8	6.70 6.00 <b>4.70</b> 9	7.20 6.50 <b>5.20</b>	7.70 7.00 <b>5.70</b> 11	8.20 7.50 <b>6.20</b> 12	8.00 <b>6.70</b> 13	8.50 <b>7.20</b> 14	9.00 <b>7.70</b> 15	9.50 <b>8.20</b> 16	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co	4.20 3.50 2.20 4	4.70 4.00 2.70 5	5.20 4.50 <b>3.20</b> 6 ection,	5.70 5.00 3.70 7 Work at	6.20 5.50 <b>4.20</b> 8 Height I	6.70 6.00 4.70 9 Regs 20	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B</b> 3	7.70 7.00 5.70 11	8.20 7.50 <b>6.20</b> 12 <b>04</b> (prev	8.00 6.70 13 viously E	8.50 <b>7.20</b> 14 3S1139 F	9.00 7.70 15 Part 3 or	9.50 <b>8.20</b> 16 HD1004	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co Castor Adjustable Leg	4.20 3.50 2.20 4 2mply wi	4.70 4.00 2.70 5 ith 3T Er	5.20 4.50 <b>3.20</b> 6 ection,	5.70 5.00 3.70 7 Work at 4	6.20 5.50 <b>4.20</b> 8 Height I	6.70 6.00 4.70 9 Regs 20	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B</b> 3	7.70 7.00 5.70 11 S EN100	8.20 7.50 <b>6.20</b> 12 <b>04</b> (prev	8.00 6.70 13 viously E	8.50 <b>7.20</b> 14 <b>3S1139 F</b>	9.00 7.70 15 Part 3 or	9.50 <b>8.20</b> 16 <b>HD1004</b> 4	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co Castor Adjustable Leg 2 Rung Ladderframe	4.20 3.50 2.20 4 2.20 4 4 4 4	4.70 4.00 2.70 5 ith 3T Er	5.20 4.50 3.20 6 ection, 4	5.70 5.00 3.70 7 Work at 4	6.20 5.50 <b>4.20</b> 8 <b>Height I</b>	6.70 6.00 4.70 9 Regs 20 4	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B3</b> 4	7.70 7.00 5.70 11 S EN100 4	8.20 7.50 <b>6.20</b> 12 <b>04</b> (prev	8.00 6.70 13 viously E 4 4	8.50 <b>7.20</b> 14 <b>3S1139 F</b> 4 4	9.00 7.70 15 Part 3 or 4 4	9.50 <b>8.20</b> 16 <b>HD1004</b> 4 4	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co Castor Adjustable Leg 2 Rung Ladderframe 2 Rung Span Frame	4.20 3.50 2.20 4 2mply wi 4 4 1	4.70 4.00 2.70 5 ith 3T Er	5.20 4.50 3.20 6 ection, 4	5.70 5.00 <b>3.70</b> 7 <b>Work at</b> 4 4	6.20 5.50 <b>4.20</b> 8 <b>Height I</b> 4 4	6.70 6.00 4.70 9 Regs 20 4	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B3</b> 4	7.70 7.00 5.70 11 S EN100 4 4	8.20 7.50 <b>6.20</b> 12 04 (prev 4 4	8.00 6.70 13 viously E 4 4	8.50 <b>7.20</b> 14 <b>3S1139 F</b> 4 4	9.00 7.70 15 Part 3 or 4 4	9.50  8.20  16  HD1004  4  4  1	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co Castor Adjustable Leg 2 Rung Ladderframe 2 Rung Span Frame 3 Rung Span Frame	4.20 3.50 2.20 4 2mply wi 4 4 1	4.70 4.00 2.70 5 th 3T Er 4 4	5.20 4.50 <b>3.20</b> 6 ection, 4 4	5.70 5.00 3.70 7 Work at 4 4 1	6.20 5.50 <b>4.20</b> 8 <b>Height I</b> 4 4 1	6.70 6.00 4.70 9 Regs 20 4 4	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B</b> : 4 4	7.70 7.00 5.70 11 S EN100 4 4 1	8.20 7.50 <b>6.20</b> 12 <b>04</b> (prev 4 4 1	8.00 6.70 13 viously E 4 4	8.50 7.20 14 3S1139 F 4	9.00 7.70 15 Part 3 or 4 4 1	9.50  8.20  16  HD1004  4  1  1	m m
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co Castor Adjustable Leg 2 Rung Ladderframe 2 Rung Span Frame 3 Rung Span Frame 3 Rung Ladderframe	4.20 3.50 2.20 4 2mply wi 4 4 1 1	4.70 4.00 2.70 5 tith 3T Er 4 4 - -	5.20 4.50 3.20 6 ection, 4 4	5.70 5.00 3.70 7 Work at 4 4 1 1	6.20 5.50 <b>4.20</b> 8 <b>Height I</b> 4 1	6.70 6.00 4.70 9 Regs 20 4 4 -	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B</b> 3 4 4	7.70 7.00 5.70 11 S EN100 4 4 1 1	8.20 7.50 <b>6.20</b> 12 <b>04</b> (prev 4 1 1	8.00 6.70 13 viously E 4 4 - -	8.50 7.20 14 8S1139 F 4 4	9.00 7.70 15 Part 3 or 4 4 1 1	9.50 <b>8.20</b> 16 <b>HD1004</b> 4 4 1 1	m m For details of
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co Castor Adjustable Leg 2 Rung Ladderframe 2 Rung Span Frame 3 Rung Span Frame 3 Rung Ladderframe 4 Rung Span Frame	4.20 3.50 2.20 4 2mply wi 4 4 1 1	4.70 4.00 2.70 5 tth 3T Er 4 4 - - 1	5.20 4.50 3.20 6 ection, 4 - -	5.70 5.00 <b>3.70</b> 7 <b>Work at</b> 4 4 1 1	6.20 5.50 <b>4.20</b> 8 <b>Height I</b> 4 1 1	6.70 6.00 4.70 9 Regs 20 4 4 - - 1	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B</b> 3 4 4 - -	7.70 7.00 5.70 11 S EN100 4 4 1 1 1	8.20 7.50 <b>6.20</b> 12 <b>04</b> (prev 4 1 1	8.00 6.70 13 /iously E 4 4 - - 1	8.50 7.20 14 4 4	9.00 7.70 15 Part 3 or 4 1 1 1	9.50 <b>8.20</b> 16 <b>HD1004</b> 4 4 1 1	m m For details of greater
Appx Working Height Tower Height PLATFORM HEIGHT Top Platform on Rung Components included to co	4.20 3.50 2.20 4 2mply wi 4 4 1 1 -	4.70 4.00 2.70 5 th 3T Er 4 4 - - 1 1	5.20 4.50 3.20 6 ection, 4 4 - - - 2	5.70 5.00 3.70 7 Work at 4 4 1 1 1 1	6.20 5.50 <b>4.20</b> 8 <b>Height I</b> 4 4 1 1 -	6.70 6.00 <b>4.70</b> 9 <b>Regs 20</b> 4 4 - - 1 1	7.20 6.50 <b>5.20</b> 10 <b>05</b> and <b>B</b> 3 4 4 - - - 3	7.70 7.00 5.70 11 S EN100 4 4 1 1 1 1 2	8.20 7.50 <b>6.20</b> 12 04 (prev 4 4 1 1 -	8.00 6.70 13 //iously E 4 4 - - 1 1 3	8.50 7.20 14 8S1139 F 4	9.00 7.70 15 Part 3 or 4 1 1 1 1 3	9.50 8.20 16 HD1004 4 4 1 1 - 4	m m

FULLY COMPATIBLE with BOSS Zone 1

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