

Product Data Template

Template Category	Precast Element - Beams			
Template Version	v1			
Category Description	Description			
Classification System				
Classification	Value			
Suitability for Use				
Template Custodian				
Information Category	Parameter Name	Value	Units	Notes
Manufacturer Data				
Specifications	Manufacturer		Text	
Specifications	Manufacturer Website		URL	
Specifications	Product Range		Text	Typical Description
Specifications	Product Model Number		Text	Or Code
Specifications	Product Standard	BS EN15037-1:2008,BS EN13369:2013,BS EN2	Text	European Standard product is manufactured to
Specifications	CE Approval		Text	Number, Yes, No - in PDS detail source
Specifications	Product Literature		URL	
Specifications	Features		Text	Free text to describe product
Specifications	Features - Solid ends		Text	Specify Type/Size/No
Specifications	Features - Reduced ends		Text	Specify Gasket/seal Manufacturer and product code
Specifications	Features - Holes		Text	Specify Collar Type
Specifications	Features - Notches		Text	Specify Type/Size/No
Specifications	Features - Lifting Anchors		Text	Specify Type/Size/No
Specifications	Features		Text	
Specifications	Features		Text	
Construction Data				
Specifications	Application / Intended use:	Floors within buildings	Text	
Specifications	Application / Environment	Within an enclosed building, underside exposed	Text	
Specifications	Application / Installation	Support dead and live loads	Text	
Specifications	Installation Standards / Guide	PFF Code of Practice	Text	
Specifications	Fire Resistance		Text	
Specifications	Sound Reduction		Text	
Specifications	Air permeability		Text	
Specifications	Texture		Text	
Specifications	Shape	rectangular	Text	
Specifications	Material	concrete	Text	Broad designation of material type i.e. Concrete, plastic, timber
Specifications	Colour	Grey	Text	
Specifications	Finish	Ordinary	Text	Table F4 BS EN13670
Specifications	Green Guide for Specification		Enumeration	Define as grade based on element being constructed refer to BRE pub
Dimensional Data				
Specifications	Overall Length		mm	Minimum and maximum lengths available
Specifications	Overall Height		mm	Minimum and maximum heights available
Specifications	Overall Width/Diameter		mm	Minimum and maximum widths available
Specifications	Internal Width/Diameter		mm	
Specifications	Dimensional Tolerance			Refer to relevant BS
Specifications	Configuration			Category of configuration, drop down, voided or solid in line with stand
Specifications	Unit Weight		T/kg	
Specifications	Unit Density		kg/m3	
Specifications	Pack Overall Length		mm	
Specifications	Pack Overall Width		mm	
Specifications	Pack Overall Height		mm	
Specifications	Pack Weight		T/kg	
Specifications	Average Pack Size		No	
Performance Data				
Specifications	Compressive Strength		m ²	
Specifications	Concrete Class / Strength	C50/60	Text	
Specifications	Concrete Design Chemical Class		Text	
Specifications	Aggregate Type		Text	Specify Main element, eg. Limestone, Lytag etc
Specifications	Reinforcement Type		Text	eg B500 or Prestress 9.5mm
Specifications	Reinforcement Grade		Text	
Specifications	Fibre Reinforcement Specification		Text	Specify manufacturer/fibre size
Specifications	Load Class / Loading		Text	
Specifications	Durability		Text	Frost resistance or not
Specifications	Lifespan	100 years	Text	
Specifications	Dimensional Stability		Text	Moisture movement
Specifications	Reaction to fire		Text	combustible?
Specifications	Thermal Conductivity (K Value)		Text	
Specifications	Thermal Resistance 3%		Text	
Specifications	Thermal Resistance 5%		Text	
Specifications	Water vapour diffusion coefficient μ:		Text	
Electrical Data (if required)				
Specifications	N/A			
Controls				
Specifications	N/A		Y/N	
Sustainability				
Sustainable Material BREEAM etc	Responsible Sourcing of Materials		Enumeration	Endorsing body
Sustainable Material BREEAM etc	Responsible Sourcing of Materials			Certificate
Sustainable Material BREEAM etc	Environmental Product Declaration		Text	3rd Party Verification
Sustainable Material BREEAM etc	Life Cycle Analysis		Number	BREEAM
Sustainable Material BREEAM etc	Location of Manufacturer		GridRef	Northing, Easting
Sustainable Material BREEAM etc	Percentage of Recycled Content			
Sustainable Material BREEAM etc	Ethical Trading Policy			
Sustainable Material LEED v.4	Responsible Extraction of Materials		Text	
	Material Ingredient Reporting			
	Embodied Carbon			
	Recyclability		100 %	How much can be reused
Operations & Maintenance				
Facilities/Asset Management	Design Life		Years	
Facilities/Asset Management	Service Life		Years	
Facilities/Asset Management	Maintenace	None		
<p>This spreadsheet is the property of CIBSE although it can be freely used in the ways described, and completed with data specific to particular products.</p> <p>It is important that the Categories and Parameters given on the form are not changed. It is also important that where units of measurement are defined on the form that these too are followed.</p> <p>Any comment or suggestion on their revision should be addressed to ptd@cibse.org</p>				