

System Specification Sheet

uPVC window & door profile systems · Technical reference for specification and enquiry

DOCUMENT STATUS

Preliminary product reference compiled from the technical/product information currently documented for TruFrame. Fields for which an approved value or test document is not available are intentionally marked **Not published**. This document must not be treated as a contractual performance certificate.

AT A GLANCE

Four profile systems. One documented product family.

SYSTEM	TYPE	DEPTH	CHAMBERS	PROFILE RANGE
Peafowl	Sliding	60 mm	5	TF 101-105 TF 106-115
Falcon	Sliding	60 mm	4	TF 301-305
Casement 60	Casement	60 mm	5	TF 201-209
Casement 50	Casement	50 mm	3	TF 401-402 TF 501-503

DOCUMENTED MATERIAL / PRODUCT POSITIONING

The current TruFrame product information identifies lead-free uPVC profiles, titanium dioxide, TPE gasket construction, high UV-resistance positioning and an EN 12608-1 reference. A 20-year profile warranty is also part of the currently documented product information.

ITEM	CURRENTLY DOCUMENTED
Profile formulation	Lead-free
UV / pigmentation	Titanium dioxide; 8 phr currently documented
Gasket	TPE gasket
Standard reference	EN 12608-1 positioning/reference
Profile warranty	20-year profile warranty

PERFORMANCE DATA POLICY

Acoustic, thermal and wind-load performance values are intentionally not filled in because the currently available material does not establish approved numerical test values. The same rule applies to air permeability, water tightness, maximum dimensions, glass thickness, hardware brands and reinforcement thickness.

For project specification, use the relevant TruFrame technical drawing together with the latest approved test report, reinforcement schedule, glazing/hardware specification and warranty document.

TRUFRAME · Plot no. 05, Naharpur Industrial Area, Alwar, Rajasthan 301030 · India

Peafowl

Sliding system · Technical profile family

SPECIFICATION	DOCUMENTED VALUE
System type	Sliding
Profile depth	60 mm
Chambers	5
Profile IDs	TF 101–105 TF 106–115
Applications	Sliding openings; balconies; residential/commercial openings where appropriately specified.

ENGINEERING REFERENCE

Use the actual TruFrame technical drawings for profile geometry, interfaces and profile-specific dimensions. Do not recreate or infer section geometry from this summary sheet.

TOPIC	REFERENCE
Material	Lead-free uPVC profile positioning
UV	Titanium dioxide / high UV-resistance positioning
Sealing	TPE gasket
Technical drawing	See profile drawings for TF 101–105, TF 106–115
Reinforcement	Refer to approved profile/project-specific documentation
Hardware	Configuration to be specified; brand not published in this sheet
Glazing	Configuration to be specified according to application and approved system documentation
Drainage	Refer to actual profile geometry / fabrication documentation

NOT PUBLISHED IN THIS SHEET

Uw / thermal transmittance · STC/Rw acoustic rating · wind-load rating · air permeability · water tightness · maximum sash/opening dimensions · maximum glass thickness · hardware brand · reinforcement thickness · weight limits.

These fields are intentionally left unfilled until the corresponding approved technical/test documentation is available.

TECHNICAL DRAWINGS

The website should provide the actual profile drawings as the primary technical reference, with profile ID, system name, viewer and download control.

Falcon

Sliding system · Technical profile family

SPECIFICATION	DOCUMENTED VALUE
System type	Sliding
Profile depth	60 mm
Chambers	4
Profile IDs	TF 301–305
Applications	Sliding openings; residential/commercial applications where appropriately specified.

ENGINEERING REFERENCE

Use the actual TruFrame technical drawings for profile geometry, interfaces and profile-specific dimensions. Do not recreate or infer section geometry from this summary sheet.

TOPIC	REFERENCE
Material	Lead-free uPVC profile positioning
UV	Titanium dioxide / high UV-resistance positioning
Sealing	TPE gasket
Technical drawing	See profile drawings for TF 301–305
Reinforcement	Refer to approved profile/project-specific documentation
Hardware	Configuration to be specified; brand not published in this sheet
Glazing	Configuration to be specified according to application and approved system documentation
Drainage	Refer to actual profile geometry / fabrication documentation

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Uw / thermal transmittance · STC/Rw acoustic rating · wind-load rating · air permeability · water tightness · maximum sash/opening dimensions · maximum glass thickness · hardware brand · reinforcement thickness · weight limits.

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TECHNICAL DRAWINGS

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Casement 60

Casement system · Technical profile family

SPECIFICATION	DOCUMENTED VALUE
System type	Casement
Profile depth	60 mm
Chambers	5
Profile IDs	TF 201–209
Applications	Casement openings; residential/commercial applications where appropriately specified.

ENGINEERING REFERENCE

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TOPIC	REFERENCE
Material	Lead-free uPVC profile positioning
UV	Titanium dioxide / high UV-resistance positioning
Sealing	TPE gasket
Technical drawing	See profile drawings for TF 201–209
Reinforcement	Refer to approved profile/project-specific documentation
Hardware	Configuration to be specified; brand not published in this sheet
Glazing	Configuration to be specified according to application and approved system documentation
Drainage	Refer to actual profile geometry / fabrication documentation

NOT PUBLISHED IN THIS SHEET

Uw / thermal transmittance · STC/Rw acoustic rating · wind-load rating · air permeability · water tightness · maximum sash/opening dimensions · maximum glass thickness · hardware brand · reinforcement thickness · weight limits.

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TECHNICAL DRAWINGS

The website should provide the actual profile drawings as the primary technical reference, with profile ID, system name, viewer and download control.

Casement 50

Casement system · Technical profile family

SPECIFICATION	DOCUMENTED VALUE
System type	Casement
Profile depth	50 mm
Chambers	3
Profile IDs	TF 401–402 TF 501–503
Applications	Casement openings; residential/commercial applications where appropriately specified.

ENGINEERING REFERENCE

Use the actual TruFrame technical drawings for profile geometry, interfaces and profile-specific dimensions. Do not recreate or infer section geometry from this summary sheet.

TOPIC	REFERENCE
Material	Lead-free uPVC profile positioning
UV	Titanium dioxide / high UV-resistance positioning
Sealing	TPE gasket
Technical drawing	See profile drawings for TF 401–402, TF 501–503
Reinforcement	Refer to approved profile/project-specific documentation
Hardware	Configuration to be specified; brand not published in this sheet
Glazing	Configuration to be specified according to application and approved system documentation
Drainage	Refer to actual profile geometry / fabrication documentation

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TECHNICAL DRAWINGS

The website should provide the actual profile drawings as the primary technical reference, with profile ID, system name, viewer and download control.

From profile reference to project specification.

This sheet is a clean public-facing summary. A project-specific specification should be assembled only after the required system, opening configuration, glazing, reinforcement, hardware and installation conditions are known.

STEP	ACTION	REFERENCE
01	SELECT SYSTEM	Peafowl / Falcon / Casement 60 / Casement 50
02	SELECT PROFILE	Use the actual TF profile ID and technical drawing
03	DEFINE OPENING	Opening size, configuration and application
04	DEFINE GLASS / HARDWARE	Use approved project-specific selections
05	CHECK REINFORCEMENT	Use documented reinforcement schedule where applicable
06	CHECK INSTALLATION	Treat the finished window as a complete system

IMPORTANT

Before using this sheet in tenders, architectural specifications, purchase orders or contractual documents, TruFrame should approve the document and attach the latest applicable technical drawings, test reports and warranty terms.

TRUFRAME

uPVC window & door systems

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