FRP Grating Specification & Evidence Record

Fill fields, name the exact product row, keep unknown values visible and attach each evidence document.

DOCUMENT CONTROL

Document title	Document number	Revision	Issue date

Prepared by	Checked / approved by	Status	Project / inquiry

1. PROJECT AND SERVICE CONDITION

Project / site	Application / route

Traffic and users	Environment / exposure

Cleaning method / chemicals	Required inspection / acceptance stage

2. PRODUCT FAMILY AND EXACT ROW

Product family	Exact model / row code	Construction / bar profile

Overall depth or bar height	Mesh or bar pitch	Clear opening / open area

Bearing direction	Panel format	Resin / reinforcement

Surface process / color / sample ID	Units and tolerance basis

3. LOAD, SUPPORT AND FABRICATION

Clear span(s)	Support / bearing condition

Uniform / point / line / wheel load	Deflection criterion

Drawing number and revision	Finished-piece IDs / quantity

Cutouts / holes / edge treatment	Clips / fasteners / lifting limit

Evidence, Inspection and Release

Fill fields, name the exact product row, keep unknown values visible and attach each evidence document.

4. REQUIRED PERFORMANCE EVIDENCE

Load / deflection evidence

Slip / surface evidence

Chemical / temperature / UV

Fire / electrical / anti-static

Material / dimensional / other report

Certificate / declaration scope

Applicability limitations

5. INSPECTION, PACKING AND DOCUMENT RELEASE

Critical dimensions / tolerance

Appearance / surface / color

Piece marks, quantity and accessories

Packing, protection and gross mass

Documents required at dispatch

Release authority and date

Deviation / concession reference

6. EVIDENCE MATRIX AND OPEN ITEMS

Requirement 1 / evidence / scope / status

Requirement 2 / evidence / scope / status

Requirement 3 / evidence / scope / status

APPROVAL STATEMENT

This template organizes the agreed specification. It is not a certificate and does not approve a product for a project.

Approved by

Approval date

This file must point to the exact product row, current drawing revision, approved sample and scoped evidence documents.

Worked Example: One Controlled Record

This page demonstrates a controlled completion pattern. It is not an actual order, certificate or project approval.

ILLUSTRATIVE EXAMPLE - NOT AN ACTUAL ORDER OR PROJECT APPROVAL

The values below show how to complete the record while leaving project engineering inputs unresolved.

ILLUSTRATIVE PROJECT AND EXACT PRODUCT ROW

Document status For review - not approved	**Product family** Molded FRP grating	**Exact row to confirm** 38 mm depth; 38 x 38 mm mesh; current factory row
Application Industrial access walkway between support frames	**Traffic** Pedestrian review; maintenance equipment TBC	**Environment** Indoor ambient; cleaning chemical TBC
Resin Isophthalic unsaturated polyester	**Surface / sample** Concave; grit sample only if later required	**Mass / panel format** Use current row; finished pieces to drawing
Drawing reference DT-PL-001 Rev B - illustrative only	**Finished-piece record** Unique IDs and quantities to be added	
Units mm; load and deflection units TBC by project	**Inspection stage** Pre-production drawing check and final inspection	

PROJECT REQUIREMENTS AND EVIDENCE STATUS

Load and deflection Project engineer to provide signs, values, contact area and limit	**Support / fixings** Support layout and clip schedule to be confirmed
Slip evidence Not required unless the final specification states a method and threshold	**Chemical / fire** Not assessed; no requirement supplied in this example
Material report HZTC/BG-24051102 may be shared as material and sample context only	**Conformity and packing** Order conformity, inspection record and packing list to follow the agreement

Open items
Clear span, load, deflection, support, fixings, final surface and drawing release

WHY THE EXAMPLE REMAINS A USEFUL CONTROL

It identifies one product family and candidate row, shows 'TBC' where the project has not supplied engineering input, and prevents a material report from being relabeled as structural approval. Replace the illustrative values only with accepted project and factory records.