

Prisma Products Manual

Local WebApp + Baserow

Generated on: 27/08/2026

Connection: Baserow (<https://baserow.prismaspaces.com>)

Document automatically generated by Prisma Products WebApp

This manual describes the complete operation of the Prisma Products web application, its connection to the Baserow database, and how to use each module: products, Excel, images and administration.

Information

The data shown in this document is for reference only. For any questions about the Baserow structure, contact the system administrator.

Layer	Technology
Backend	Python 3 + FastAPI
Frontend	Jinja2 templates + Bootstrap 5 + Bootstrap Icons
HTTP client	requests with reusable session and automatic JWT refresh
Database	Baserow (https://baserow.prismaspaces.com)
Cache	In-memory with TTL for listings, selects and counts

The application runs locally at `http://127.0.0.1:8000` and consumes the Baserow REST API. The remote database is number 128, located in workspace 98.

Table	ID	Purpose
Products	483	Main products: codes, descriptions, prices, relationships.
Brands	475	Brands. Typical fields: Name, Brand Code.
Images	477	Campaign images associated with brands (Legacy Image ID, Brand).
Fisterras	476	Sections / fisterras.
GOI Types	478	GOI types.
CAA Counter	479	Counter for CAA CODE generation.
Suppliers	481	Suppliers.
Price History	484	Price history.

Field	Type / Use
Studio Code	Internal product code (required).
CAA Code	Automatically generated unique code.
Brand / Image / Fistera	Relationships with master tables.
Status	Single select (Active, Under review, Approved, Obsolete).
Responsible	Link to Responsibility master table (Moncho, Summer, Julia).
Variant, Unit	Variant and unit of measure.
Sell Price CNY / EUR	Selling prices.
Cost Price	Cost price.
HS Code	Customs tariff code.
Composition	Product composition.
Descriptions	English, Spanish and Chinese Description.
Remarks	Additional notes.
Product Image	File field for product photos.

- Creation: `/products/new`. Select Brand and Image; the Image selector only shows images for the chosen brand.
- CAA CODE generation: on save, the system calculates the next number in steps of 100 using Brand Code and Legacy Image ID.
- A record is created in CAA Counter with Brand, Image and Number.
- Editing: `/products/{id}/edit`. Requires `admin_token`. Allows modifying all fields including the product image.
- Deletion: `/products/{id}/delete`. Requires `admin_token` and deletes the Products row.
- Detail: `/products/{id}` shows all data and the photo if it exists.

The CAA CODE is a unique identifier composed of a brand letter, an image prefix and a sequential number.

Component	Description	Example
Prefix	Always starts with 8	8
Brand Code	Letter assigned to the brand	Z
Image prefix	Legacy Image ID * 10 (2 digits)	70
Number	6 digits, advances in steps of 100	000100
Result	Complete code	8Z70000100

Information

The number advances in steps of 100 for each Brand + Image combination. The system queries the latest CAA Counter and increments automatically.

- Template: /products/template downloads an empty Excel with all columns.
- Bulk creation: /products/import with mode=create. Requires admin_token. Must not include ID or CAA Code.
- Export: /products/export allows exporting all, filtered or checkbox-selected products.
- Re-import: /products/import with mode=update. Identifies by ID or CAA Code and updates only filled fields.
- Validations: Status and Unit must match Baserow values. Responsible is selected from the Responsibility master table.
- Image via Excel: Product Image URL / Product Image Name columns allow assigning a public image.

Type	Description	How it is managed
Campaign image	link_row field to Images table	Brand-filtered selector in the form
Product image	File field in Products	Individual or bulk upload
Bulk upload with Excel	ZIP + Excel with Studio Code / CAA Code as	Endpoint /products/upload-images
Bulk automatic upload	ZIP only; filename must match Studio Code	Endpoint /products/upload-images

Operation	Requires admin_token
Product browsing and dashboard	No
Public product creation	No
Product editing	Yes
Product deletion	Yes
Excel import / re-import	Yes
Bulk image upload	Yes
Master record creation	Yes

The token is configured in the ADMIN_TOKEN environment variable. In production it is recommended to change it to a secure token and enable user authentication.

- In-memory cache for dashboard counts, listings, form selects and individual rows.
- Parallel preload when the server starts (warmup_cache).
- Selects loaded in parallel with ThreadPoolExecutor.
- To preserve the cache, the server runs without --reload.

Method	Path	Description
GET	/	Dashboard with counts
GET	/products	Paginated listing, search and filters
GET	/products/new	Creation form
GET	/products/{id}	Product detail
GET/POST	/products/{id}/edit	Editing
POST	/products/{id}/delete	Deletion
POST	/products/{id}/upload-image	Individual image upload
GET/POST	/products/import	Excel import
GET	/products/export	Excel export
GET	/products/template	Excel template
GET/POST	/products/upload-images	Bulk image upload
GET	/products/excel-instructions	Excel flow PDF
GET	/manual	This manual
GET	/table	Master table listings

- Run tests with a few records first before bulk loads.
- Always review the result message after importing or uploading images.
- Keep the CAA Code unchanged to preserve numbering.
- Use clear and unique filenames for automatic bulk image upload.
- Contact the administrator before making structural changes in Baserow.