



USER GUIDE

duveka PPWR Compliance

Record, check and document packaging under EU Regulation 2025/40 –
entirely in Microsoft Dynamics 365 Business Central.

A S O F

October 2026 · Version 26.2.12 · Microsoft Dynamics 365 Business Central

CONTENTS

Contents

- Introduction

1. Overview and Modules

2. Prerequisites / Dependencies

3. Permissions

4. Setting Up Master Data

5. Creating and Maintaining Packaging Types

6. Running the Compliance Check

7. Creating the Declaration of Conformity (DoC)

8. Risk Assessment

9. Supplier Declaration of Conformity

10. Versioning Packaging Types

11. Compliance Log (Audit Trail)

12. Reports

13. Integration with Items, Customers and Sales

14. Packaging Categories and Check Control

15. Customer Roles and Authority Reporting

16. Data Sheet Export and PPWR Portal

17. Notes and Current Limitations

18. Frequently Asked Questions

HOW TO READ THIS GUIDE

Actions, pages and fields from Business Central are **highlighted like this**. The screenshots were taken in a test company and may differ from the current version in individual captions.

Introduction

Welcome to the duveka PPWR Compliance user guide!

duveka PPWR Compliance is a complete, ready-to-use extension for Microsoft Dynamics 365 Business Central. It helps you comply with EU Regulation 2025/40 (Packaging and Packaging Waste Regulation – PPWR).

From recording materials through automated checks to the declaration of conformity (DoC), the module covers the complete evidence process in Business Central – audit-proof and without additional software.

Key benefits at a glance:

- Automated compliance checks with a traffic light system (Green/Yellow/Red/Grey)
- Complete documentation and audit-proof declarations of conformity (DoC) at the push of a button
- Central maintenance of material classes, limits and recyclability matrices
- Full integration into existing BC processes – down to the sales order lines
- Customer roles with automatically derived obligations and reports for authority reporting
- PPWR data sheets per packaging type and per customer – as Excel, as PDF and via a portal
- Documents in English, German or Dutch – independent of your user language

This guide is intended for quality managers, product managers, master data managers and compliance officers.

Status of this guide: 17 October 2026 – valid for duveka PPWR Compliance version 26.2.12.

NEW IN THIS EDITION

Permission sets, PPWR actions on the sales order line, packaging types from the price list, excluding items, packaging layers per item, unit weight basis, customer data sheet as PDF, documents in several languages, “System Participation Required” flag and Annex II reference data.

Overview and Modules

duveka PPWR Compliance is built on the base app **duveka Core**. Core must be installed; the module is registered there and its licence is managed there. If the module is blocked in Core, Business Central hides the PPWR fields and actions on the item, customer and sales pages. Your standard processes, such as releasing sales orders, keep working unchanged. No other duveka functional module is required.

The module can be used wherever packaging has to be documented under the PPWR:

- You maintain your master data – material classes, recyclability, recycled content quotas and substance limits – in one central place
- You create a packaging type per packaging, have it checked and generate the declaration of conformity, data sheet and reporting data from it

How it works (simplified):

Create packaging type → record materials and substance measurements → compliance check → declaration of conformity, data sheet and authority reporting

TERMS

In the program, “packaging type” and “packaging card” refer to the same thing: the record that describes a packaging with its materials, measurements and check results. The list is called **PPWR Packaging Types**, the card **PPWR Packaging Type Card**; from the item you open it with the **PPWR Packaging Type** action.

Optional add-on modules:

- **duveka PPWR Packaging Connector**: if you also use the duveka packaging configurator (duveka packaging solution), the connector creates packaging types automatically from the production BOM. It is described in a separate guide.
- **duveka PPWR Supplier Portal**: request supplier declarations directly from the supplier via the duveka Supplier Portal (section 9.3).

Prerequisites / Dependencies

Extension	Minimum version
duveka Core	26.2.195.0
duveka PPWR Compliance	26.2.12.0
optional: duveka PPWR Packaging Connector	26.2.10.0
optional: duveka PPWR Supplier Portal	26.0.0.0

2.1 Getting started

Open the search (Alt+Q) and enter one of the following terms:

Search term	Function
PPWR Setup	Basic settings
PPWR Packaging Types	List of all packaging types
PPWR Material Classes	Material class management
PPWR Declarations of Conformity	All declarations of conformity
PPWR Packaging Layers	Assigning items to further packagings
PPWR Item/Customer Roles	PPWR roles of your customers
PPWR Compliance Log	All check results

CHAPTER 3

Permissions

The module ships three permission sets that build on each other:

Permission set	For whom	Scope
duveka PPWR Read (DVKPP READ)	Sales, information	View all PPWR data.

Permission set	For whom	Scope
duveka PPWR Edit (DVKPP EDIT)	Business users	Maintain packaging types with materials, substances and documents, run checks, create declarations of conformity, risk assessments and supplier declarations, maintain roles and packaging layers. Setup and reference data are read-only.
duveka PPWR Admin (DVKPP ADMIN)	Compliance officers, administration	Additionally the PPWR setup, material classes, recyclability matrix, PCR quotas, substance limits, packaging categories, Annex II data and unit weight basis.

No permission set can change or delete compliance log entries. The previous set “PPWR Compliance” remains for compatibility; please use the three sets above for new users. The Packaging Connector provides the corresponding sets “duveka PPWR Connector Read/Edit/Admin”.

Setting Up Master Data

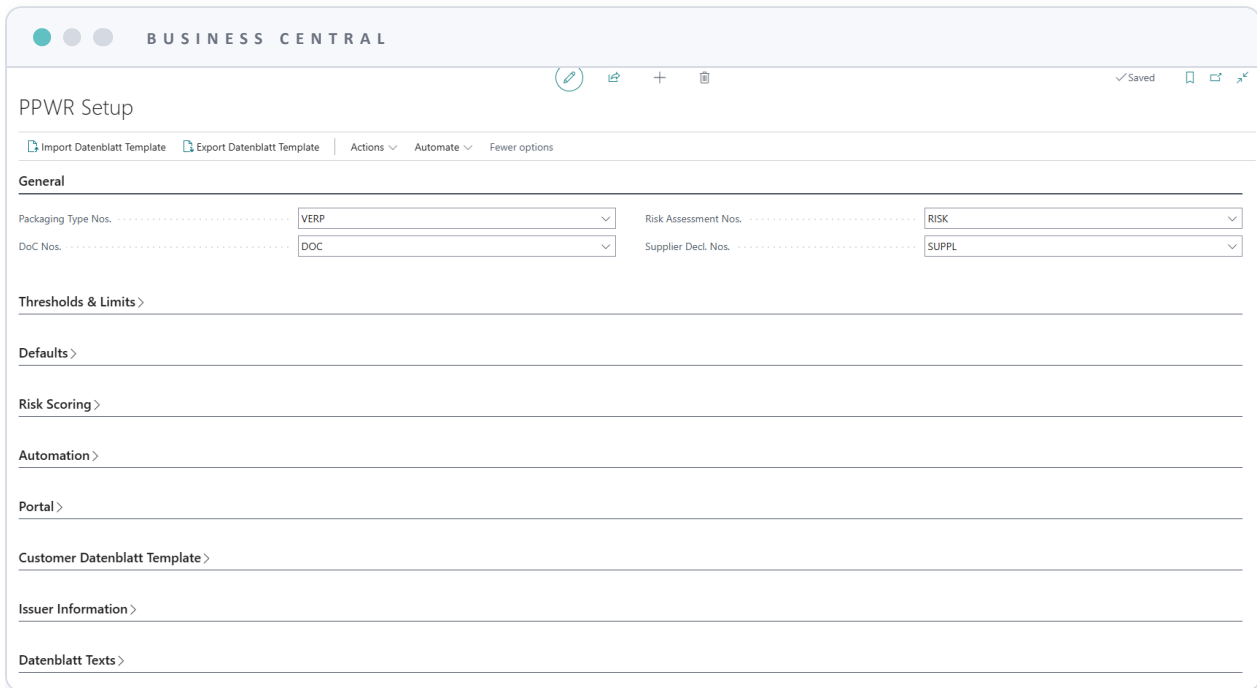
4.1 PPWR Setup

Search for **PPWR Setup** and fill in the following fields:

Field	Description	Example
Packaging Type Nos.	Number series for packaging types	PKG
DoC Nos.	Number series for declarations of conformity	DOC
Risk Assessment Nos.	Number series for risk assessments	PPWR-RA
Supplier Decl. Nos.	Number series for supplier declarations	PPWR-SD
PCR Check Threshold %	Plastic share of the packaging from which the recycled content check (Art. 7) runs at all	5.00
Substance Sum Limit (mg/kg)	Limit for the sum of heavy metals (lead, cadmium, mercury, chromium VI)	100.00
Default Recyclability Grade	Grade used when no matrix entry matches	C
Validity Period	Date formula used to set "Valid Until" when a packaging card is created or changed (work date plus period). Empty = "Valid Until" is maintained manually.	1Y
Auto Compliance Check on Sales Release	The check runs automatically when an order is released (default: off)	Yes
Issuer name, address, city and country	Issuer of the declaration of conformity	Your Company Ltd.
Portal Base URL	Base URL of the PPWR data sheet portal	https://your-portal.com
Data Sheet Template Sheet Name	Worksheet in the customer data sheet template (empty = "Lieferantenanfrage-Supplier")	Data sheet
Data Sheet Data Start Row	First data row below the template header	19

You upload the customer data sheet template with the **Import Data Sheet Template** action; a field shows whether a template is loaded. Further areas of the setup:

- **Risk Scoring:** the score values for the risk assessment (chapter 8), e.g. not reusable, “Non-Separable Recycling Penalty %”, substance within limit, substance exceeded, minimization not compliant and labeling not compliant.
- **Data sheet texts:** the Art. 5 confirmation text shown on the data sheet.
- The **Unit Weight Basis** action (section 4.8).



BUSINESS CENTRAL

PPWR Setup

Import Datenblatt Template Export Datenblatt Template Actions Automate Fewer options

General

Packaging Type Nos. VERP Risk Assessment Nos. RISK

DoC Nos. DOC Supplier Decl. Nos. SUPPL

Thresholds & Limits >

Defaults >

Risk Scoring >

Automation >

Portal >

Customer Datenblatt Template >

Issuer Information >

Datenblatt Texts >

Fig. 1 – PPWR Setup

4.2 Material classes

Search for **PPWR Material Classes** and create your material classes:

- **Code:** unique short name (e.g. PLASTIC-PE)
- **Description:** description of the material
- **Material Type:** Plastic, Paper, Wood, Glass, Metal, Composite, Other
- **Recyclable:** is the material recyclable?
- **Requires PFAS Check:** must it be checked for PFAS?
- **Requires Formaldehyde Check:** must it be checked for formaldehyde?
- **Exclude from Composite:** the material does not count when classifying the packaging as composite packaging.

The **Create PPWR Annex II Material Classes** action creates the packaging categories of Annex II as ready-made material classes (section 4.9).

Code ↑	Description	Explanation	Material Type	Is Recyclable	Requires PCR Check	Requires PFAS Check	Requires Formaldehyde Check	Exclude from Composite
→ ETHAFQAM	Etafoam		Plastic	☒	☐	☐	☐	☐
HOLZ	Holz		Wood	☐	☐	☐	☐	☐
PLASTIK	Plastik		Plastic	☒	☐	☐	☐	☐
WELLPAPE			Paper	☒	☐	☐	☐	☐

Fig. 2 – Material classes

4.3 Recyclability matrix

The matrix determines which recyclability grade a material receives. To maintain the matrix:

1. Search for PPWR Recyclability Matrix

2. For each combination of material type and coating, enter:

- **Material Type:** select the material type
- **Has Coating:** does the material have a coating?
- **Valid From:** from when does this entry apply?
- **Grade:** recyclability grade (A to E)
- **Recycling Rate %:** share actually recycled – the basis for the Art. 6 score of the risk assessment (85 % if no entry exists)

Material Type ↑	Has Coati... ↑	Effective Date ↑	Grade	Recycling Rate %	Article Reference	Notes
→ Glass	☐		A	0,00	Art. 6 PPWR	

Fig. 3 – Recyclability matrix

4.4 PCR quotas

PCR quotas define the minimum share of post-consumer recycled material. To define a quota:

1. Search for **PPWR PCR Quotas**
2. Enter **Material Type**, **Valid From** and **Min. Recycled Content %**.

Currently, the quota for plastic is checked.

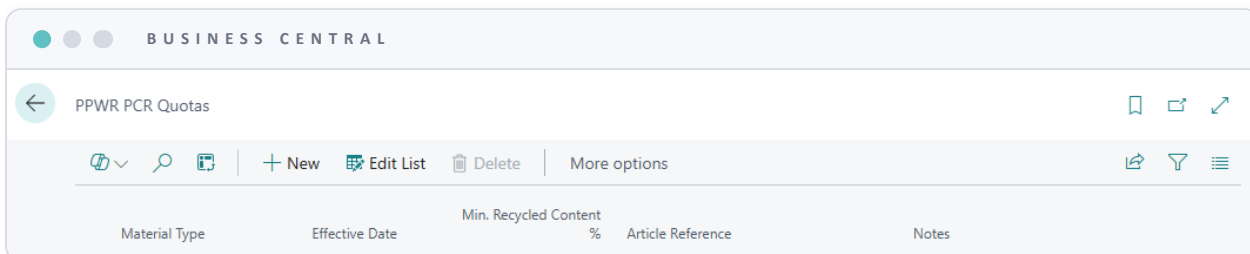


Fig. 4 – PCR quotas

4.5 Substance limits

Here you define the maximum permitted amounts of hazardous substances. To maintain limits:

1. Search for **PPWR Substance Limits**
2. For each substance, enter:
 - **Substance Code**: short name (e.g. PB, CD, HG)
 - **Description**: full name
 - **Single Limit (mg/kg)**: maximum value for this substance
 - **Is PFAS / Is Formaldehyde**: flags for special checks
 - **Valid From** and **Is Active**: only active limits whose “Valid From” has been reached are checked.

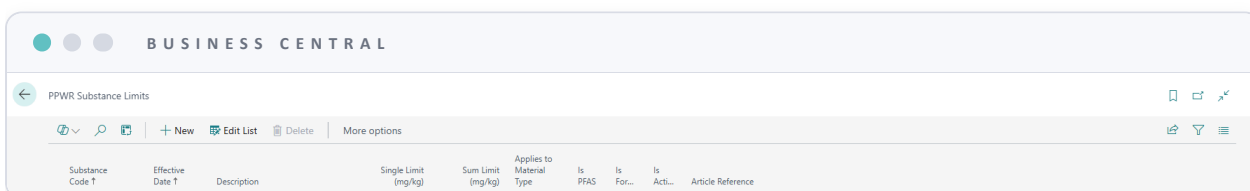


Fig. 5 – Substance limits

4.6 Packaging categories (optional)

Search for **PPWR Packaging Categories**. Categories control which check modules apply to a type of packaging, from which cut-off date they apply and whether the packaging requires system participation. Described in detail in chapter 14.

4.7 Customer roles (optional)

Search for **PPWR Item/Customer Roles** or open the roles from the customer card with **PPWR Roles per Item**. Here you define which PPWR role a customer has – optionally per item – and which obligations follow from it. Described in detail in chapter 15.

4.8 Unit weight basis

In the **PPWR Setup**, choose **Unit Weight Basis**, or search for **PPWR Unit Weight Basis**. For each base unit of measure, specify what the **Net Weight** field on the item card contains (**Net Weight Field Contains**):

- **Net Weight (kg per unit)**: the PPWR weight is quantity × net weight, e.g. for PCS or KG.
- **Density (kg/m³)**: the PPWR weight is volume in m³ × density, e.g. for M3, SQM or LM.

Units without a line keep the previous behaviour. The setting applies when the material composition is derived from the production BOM, i.e. with the PPWR Packaging Connector.

4.9 Reference data from Annex II

Three functions support working with Annex II to Regulation (EU) 2025/40:

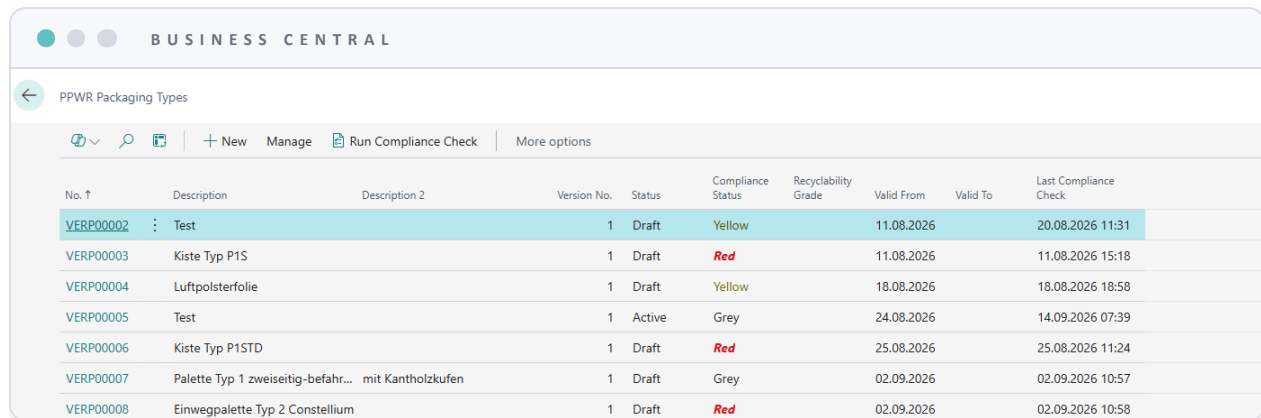
- **Create PPWR Annex II Material Classes** (action in **PPWR Material Classes**): creates the 22 packaging categories of Table 1 as material classes “PPWR-...”, with **PPWR Category No.** and **PPWR Material Group**. Your own material classes remain unchanged, existing check flags are kept.
- **PPWR Design for Recycling Criteria** with the **Read Criteria from Annex II** action: the parameters of Table 4 as a checklist.
- **PPWR Recyclability Thresholds** with the **Read Thresholds from Annex II** action: performance grades A to C with minimum weighting and stage years from Table 3.

Criteria and thresholds are reference data. The system still determines a packaging type’s recyclability grade from the recyclability matrix until the Commission’s delegated acts are available.

Creating and Maintaining Packaging Types

5.1 Creating a new packaging type

Search for **PPWR Packaging Types** and choose **New**.



No. ↑	Description	Description 2	Version No.	Status	Compliance Status	Recyclability Grade	Valid From	Valid To	Last Compliance Check
VERP00002	Test		1	Draft	Yellow		11.08.2026		20.08.2026 11:31
VERP00003	Kiste Typ P1S		1	Draft	Red		11.08.2026		11.08.2026 15:18
VERP00004	Luftpolsterfolie		1	Draft	Yellow		18.08.2026		18.08.2026 18:58
VERP00005	Test		1	Active	Grey		24.08.2026		14.09.2026 07:39
VERP00006	Kiste Typ P1STD		1	Draft	Red		25.08.2026		25.08.2026 11:24
VERP00007	Palette Typ 1 zweiseitig-befahr... mit Kantholzkufen		1	Draft	Grey		02.09.2026		02.09.2026 10:57
VERP00008	Einwegpalette Typ 2 Constellium		1	Draft	Red		02.09.2026		02.09.2026 10:58

Fig. 6 – PPWR Packaging Types

Fill in the header data:

Field	Description
No.	Assigned automatically
Description, Description 2	Name of the packaging
Item No., Variant Code	Item or variant the packaging belongs to
Packaging Category Code	Controls which check modules are run (chapter 14). Selecting the category starts a compliance check automatically.
System Participation Required	Pre-filled from the packaging category (chapter 14)
Update From	Where the material composition is refreshed from: BOM (with Packaging Connector) or supplier declaration
Status	Draft, Active or Blocked
Valid From	Start of validity, pre-filled with the work date
Valid Until	Set automatically via the validity period in the setup

On the **Weights & Minimization (Art. 10)** FastTab you enter product weight (kg), void ratio % and the **Minimization Compliant** flag. The system calculates the **Empty Weight (kg)** as the sum of the material weights.

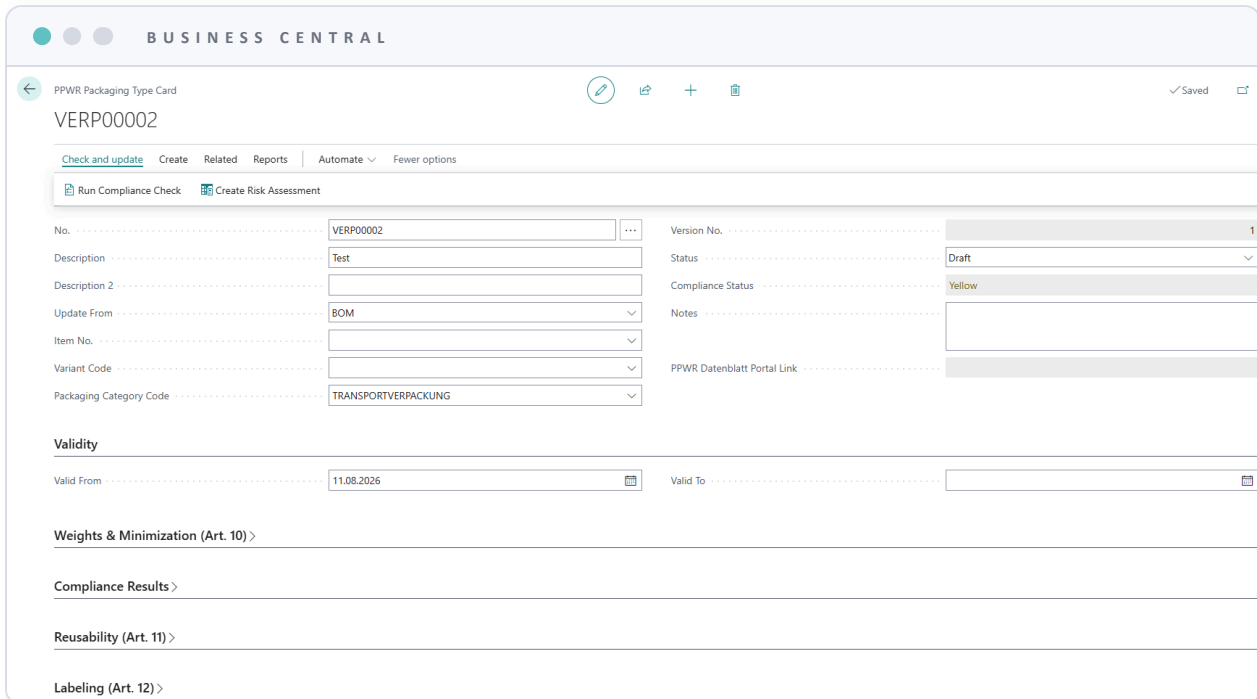


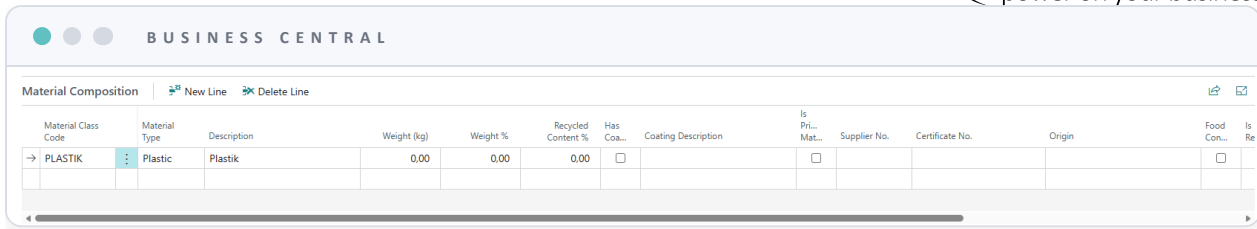
Fig. 7 – Creating a new packaging type

When you create a packaging type card with the **PPWR Packaging Type** action on the item or the sales line, the system copies Description and Description 2 from the item or variant. If a **PPWR Template Pkg. Type No.** is set on the item, its settings and substance measurements are copied as well. If the template provides a packaging category, the new card is checked immediately.

5.2 Recording the material composition

On the **Material Composition** FastTab you record the components of the packaging. For each material:

- **Material Class Code**: select the material class
- **Weight (kg)**: weight of this material; the **Weight %** is calculated
- **Recycled Content %**: share of recycled material
- **Has Coating**: does this material have a coating?
- **Is Primary Material** and **Is Separable**: a non-separable secondary material with a weight share above 5 % turns the packaging into composite packaging; its recyclability grade is then downgraded by one level.
- Optional: recycled content type, bio-based share %, vendor no., certificate no., origin, food contact



BUSINESS CENTRAL

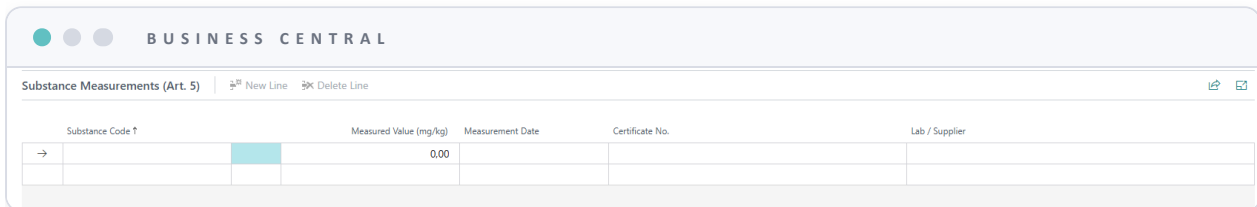
Material Composition | [New Line](#) | [Delete Line](#)

Material Class Code	Material Type	Description	Weight (kg)	Weight %	Recycled Content %	Has Coa...	Coating Description	Is Pri... Mat...	Supplier No.	Certificate No.	Origin	Food Con...	Is Re
→ PLASTIK	Plastic	Plastik	0.00	0.00	0.00	☐		☐				☐	

Fig. 8 – Recording the material composition

5.3 Recording substance measurements

On the **Substance Measurements (Art. 5)** FastTab you document laboratory analyses. For each substance measured: **Substance Code**, **Measured Value (mg/kg)**, **Measurement Date** and optionally certificate no. and laboratory / supplier.



BUSINESS CENTRAL

Substance Measurements (Art. 5) | [New Line](#) | [Delete Line](#)

Substance Code †	Measured Value (mg/kg)	Measurement Date	Certificate No.	Lab / Supplier
→	0.00			

Fig. 9 – Recording substance measurements

5.4 Attaching evidence documents

In the **Compliance Documents** area you store certificates and evidence:

1. Choose **New**.
2. Enter **Document Type** (certificate, test report, supplier declaration, other), **Document Date**, **Valid Until** and **Description**.
3. Upload the file with **Upload Document**; **Download Document** retrieves it again.

Running the Compliance Check

6.1 Starting the check

Open the packaging type and choose **Run Compliance Check** in the **Check and Update** group. The action is also available in the **PPWR Packaging Types** list and on the sales order line.

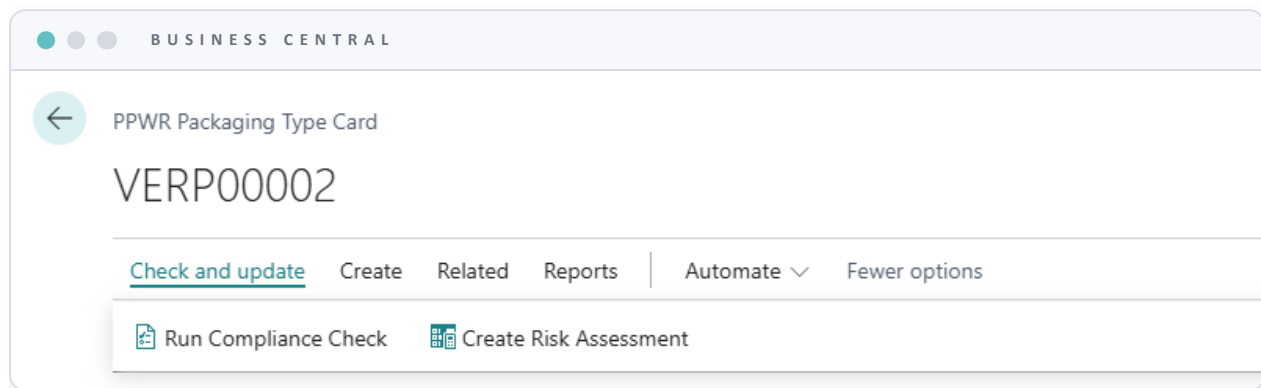


Fig. 10 – Starting the check

6.2 What is checked?

The check covers ten modules in a fixed order:

Module	What is checked	Effect
Completeness	Description, Valid From, at least one material line, material class code per line; empty weight and material weight	Missing mandatory data → status Grey; weight 0 → warning
Recyclability (Art. 6)	Grade per material from the matrix; the worst grade counts; composite packaging = one grade worse	Non-recyclable material class → error; no matrix entry → warning, default grade
Recycled Content (Art. 7)	Only if the plastic share exceeds the PCR check threshold: recycled content against the PCR quota	Below quota → error; no quota → warning
Substance (Art. 5)	Measurements against single limits; heavy metal sum against the sum limit; PFAS/formaldehyde per material class	Exceeded → error; no measurements → warning
Minimization (Art. 10)	“Minimization Compliant” flag; weight ratio and void ratio for information	Not set → error

Module	What is checked	Effect
Documentation	Validity of the compliance documents	Expired → warning; no documents → info
Bio-based (Art. 8)	Stated bio-based share	Info
Compostability (Art. 9)	Compostable without EN 13432 certification	Error
Reusability (Art. 11)	Rotation cycles and reconditioning	Warning
Labeling (Art. 12)	“Labeling Compliant” flag; material code, QR code and sorting instructions for information	Not compliant → warning

NOTE

If a packaging category is set on the packaging type, only the modules enabled there are checked. Skipped modules appear as an info entry in the compliance log and do not affect the status (see chapter 14). Completeness and Documentation always run.

6.3 Understanding the status

After the check, the system shows an overall status:

Status	Meaning	Next step
Green	All checks passed	DoC can be created
Yellow	Warnings, no errors	DoC possible, review warnings
Red	At least one error	Correction required
Grey	Basic data incomplete	Complete master data

6.4 Viewing the compliance log (short overview)

All check results are stored in the compliance log. Open the packaging type and choose **Compliance Log**.

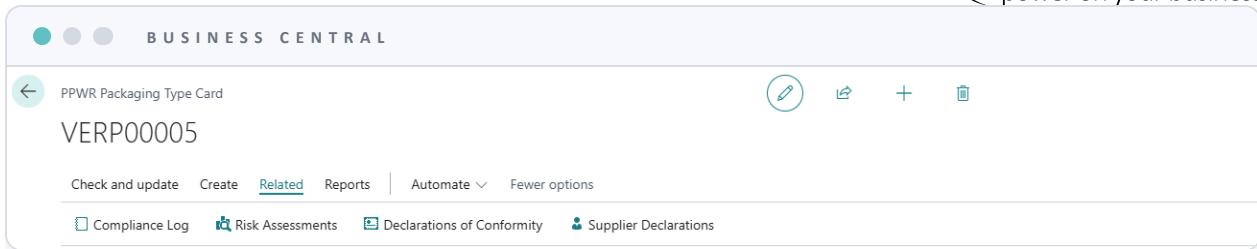


Fig. 11 – Opening the compliance log

Each entry shows check date, check type (which module), severity (Error / Warning / Info) and a description. The compliance log cannot be changed and serves as evidence – described in detail in chapter 11.

BUSINESS CENTRAL											
PPWR Compliance Log											
Entry No. ↑	Packaging Type No. ▼	Version No.	Check Type	Severity	Description	Article Reference	Field Name	Expected Value	Actual Value	Check Date	Check Run Date/Time
121	VERP00005	1	Completen...	Warning	Leergewicht ist null oder leer.	Art. 9/10 PPWR	Empty Weight (kg)	>0	0	14.09.2026	14.09.2026
122	VERP00005	1	Completen...	Error	Keine Materialzusammensetz...	Art. 6 PPWR	Materials	>=1 line	0	14.09.2026	14.09.2026
123	VERP00005	1	Recyclability	Warning	Keine Materialzeilen – Standar...	Art. 6 PPWR				14.09.2026	14.09.2026
124	VERP00005	1	Recycled C...	Info	Art. 7-Prüfung übersprungen ~...					14.09.2026	14.09.2026
125	VERP00005	1	Substance	Warning	Keine Substanzmessungen erfa...	Art. 5 PPWR				14.09.2026	14.09.2026
126	VERP00005	1	Minimization	Error	Verpackungsminimierung wurd...	Art. 10 PPWR	Minimization Compliant	true	false	14.09.2026	14.09.2026

Fig. 12 – Compliance log

6.5 Fixing errors

1. Analyse the error entries in the compliance log.
2. Correct the affected data: complete master data, update measurements, add documents.
3. Run the compliance check again.
4. Repeat until the desired status is reached.

Creating the Declaration of Conformity (DoC)

7.1 Prerequisites

A DoC can only be created if at least one compliance check has been run and the status is Green or Yellow (not Red or Grey). Enter the issuer data in the PPWR Setup beforehand – it is copied into the declaration.

7.2 Generating the DoC

Open the packaging type and choose **Generate DoC** in the **Create** group.

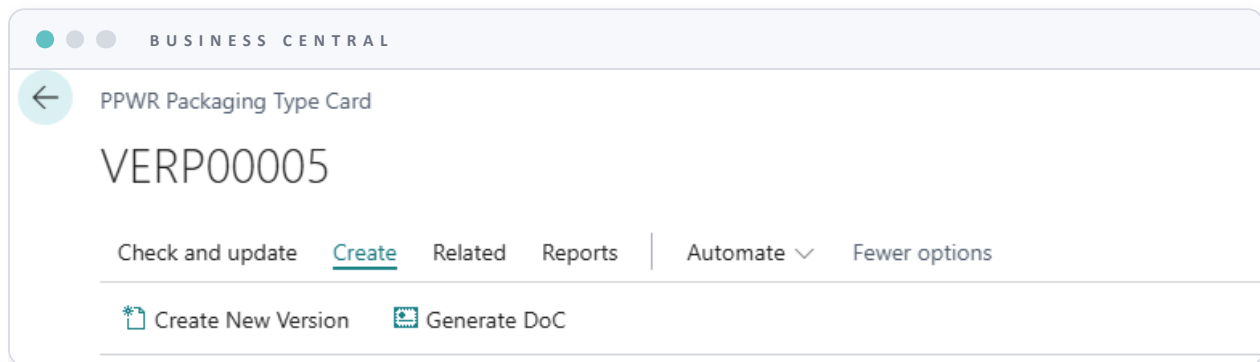


Fig. 13 – Generating the DoC

The system sets existing active DoCs to **Outdated**, creates a new DoC with status **Active** and generates the declaration text automatically.

7.3 Viewing and printing the DoC

Search for **PPWR Declarations of Conformity**. On the declaration card you see the generated text and print the DoC with **Print DoC** or export it as PDF. In the print dialog you choose the language of the declaration under **Language** (section 12.9).

BUSINESS CENTRAL

PPWR Declaration of Conformity

DOC0001

Reports | Automate | Fewer options

General

No. DOC0001

Packaging Type No. VERP00002

Pkg. Type Version No. 1

Status Active

Compliance Status at Issue Yellow

Dates

Issue Date 11.08.2026

Valid From 11.08.2026

Valid To

Issuer

Issuer Name

Issuer Address

Regulatory Reference >

Audit >

Fig. 14 – Viewing and printing the DoC

7.4 Creating a new version (short overview)

If a packaging type changes, open it and choose **Create New Version**.

BUSINESS CENTRAL

PPWR Packaging Type Card

VERP00005

Check and update | Create | Related | Reports | Automate | Fewer options

Create New Version | Generate DoC

Fig. 15 – Creating a new version

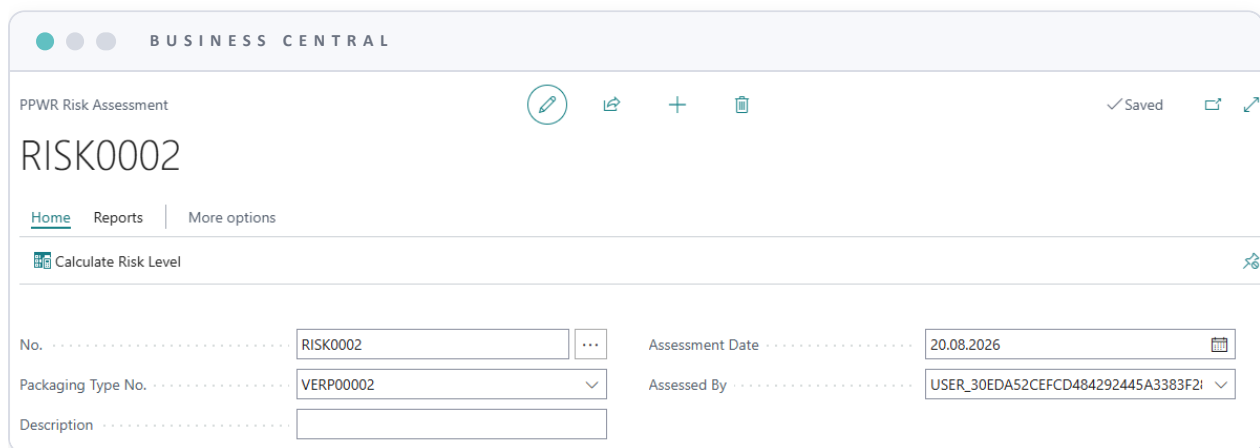
The system increases the version number and resets the compliance status; a new check is required. Described in detail in chapter 10.

Risk Assessment

The risk assessment estimates the regulatory risk per packaging type. It runs automatically with every compliance check: the system derives the scores per PPWR article from the check results, also rates every material line individually and writes risk level and overall score to the packaging type – from there they also appear on the data sheet.

8.1 Creating a risk assessment

You don't have to do anything: the assessment is created with every compliance check. With the **Create Risk Assessment** action on the packaging type card you can additionally create a new, dated assessment – the automatic run, in contrast, always updates the latest one so that no duplicates accumulate.



BUSINESS CENTRAL

PPWR Risk Assessment

RISK0002

Home Reports More options

Calculate Risk Level

No. RISK0002 Assessment Date 20.08.2026

Packaging Type No. VERP00002 Assessed By USER_30EDA52CEFC484292445A3383F2

Description

Fig. 16 – Creating a risk assessment

8.2 Reviewing and adjusting scores

The system fills the scores per article (0–10) in the **Risk Scores per Article (0-10)** area automatically from the check results; you define the corresponding score values in the PPWR Setup on the **Risk Scoring** FastTab. You can overwrite the values manually – the next compliance check, however, resets them to the calculated values.

Field	What is assessed?
Art. 5 Score (Substances)	How risky is substance compliance?
Art. 6 Score (Recyclability)	How risky is recyclability compliance?
Art. 7 Score (Recycled Content)	How risky is recycled content compliance?

Field	What is assessed?
Art. 8 Score (Bio-based)	How risky is bio-based compliance?
Art. 9 Score (Compostability)	How risky is compostability compliance?
Art. 10 Score (Minimization)	How risky is minimization compliance?
Art. 11 Score (Reusability)	How risky is reusability compliance?
Art. 12 Score (Labeling)	How risky is labeling compliance?

BUSINESS CENTRAL

Risk Scores per Article (0-10)

Art. 5 Score (Substances)	0	Art. 9 Score (Compostable)	0
Art. 6 Score (Recyclability)	0	Art. 10 Score (Minimization)	0
Art. 7 Score (Recycled Content)	0	Art. 11 Score (Reusability)	0
Art. 8 Score (Bio-based)	0	Art. 12 Score (Labeling)	3

Fig. 17 – Reviewing and adjusting scores

The system calculates the **Art. 6 score** from the material lines: each recyclable line contributes its weight × the **Recycling Rate %** from the recyclability matrix. If a material line is **not separable**, only that line's contribution is reduced by the **Non-Separable Recycling Penalty %** (default 20 %); the other materials are not affected. The weighted rate gives the score: 100 % = 0, 70 % = 6.67, increasing up to 10 below that.

8.3 Calculating the risk level

Choose **Calculate Risk Level**. The system determines the overall score as the average of all 8 article scores:

Score range	Risk level	Display
0.00 – 3.33	Low	Green
3.34 – 6.67	Medium	Yellow
6.68 – 10.00	High	Red

Every compliance check rebuilds the **Material Risk Lines** from the material composition. If you want to keep individual material or supplier scores set by hand, create a separate assessment for this with **Create Risk Assessment**.

Supplier Declaration of Conformity

The supplier declaration of conformity is a structured form under Art. 16 PPWR (information obligation). In it, the supplier confirms compliance of its material with Art. 5–12 PPWR.

9.1 Procedure

1. Create the supplier declaration manually or start it from the packaging type card.
2. Select the vendor no. – address data is copied automatically.
3. Pre-fill the known material composition with **Copy Materials from Packaging Type**.
4. Go through and fill in all 13 sections with the supplier.
5. Record declaration date, name and position of the signatory; have the legal commitment and change notification confirmed.
6. Print with the **Print Supplier Declaration** action.
7. Transfer the confirmed data to the packaging type with **Copy Materials to Packaging Type**. If **Update From** = supplier declaration is set on the packaging type, this happens automatically on sales release.

9.2 Structure of the declaration (13 sections)

Section	Content
0	Information obligation under Art. 16 PPWR
1	Supplier identification (name, address, contact)
2	Material description (material, type, composition)
3	Art. 5: substance restrictions (heavy metals ≤ 100 mg/kg, PFAS-free)
4	Art. 6: recyclability (mono-material, separable, recycling stream)
5	Art. 7: recycled content (percentage, type, certificate)
6	Art. 8: bio-based raw materials (share, certification)
7	Art. 9: compostability (EN 13432)
8	Art. 10: minimization (no double walls, weight minimized)
9	Art. 11: reusability (rotation cycles, reconditioning)

Section	Content
10	Art. 12: labeling (compliant, material code)
11–13	Liability, change notification, signature

9.3 Requesting the declaration via the supplier portal

If you use the duveka Supplier Portal with the **duveka PPWR Supplier Portal** app, you request the declaration directly from the supplier:

- On the packaging type card, choose **Request Declaration from Vendor**. The system creates a supplier declaration pre-filled with the known material composition and makes it available in the portal. Send an existing declaration with **Send to Supplier Portal**.
- The **Supplier Portal** tab of the declaration shows when it was requested from the vendor, whether the vendor has filled it in and when it was answered.
- The answer replaces the declaration's material lines. Uploaded evidence is stored as a compliance document on the packaging type.
- In the portal setup, **PPWR** tab, you decide whether the answers are adopted into the packaging type automatically (new version) and whether the compliance check runs afterwards.

Versioning Packaging Types

The PPWR requires that conformity is demonstrated again whenever the packaging structure or composition changes. Use the versioning function for this.

10.1 When do I need a new version?

Always create a new version when any of the following changes:

- Material changed (different material class, different weight)
- Supplier changed
- Weights or void ratio changed
- Substance measurements updated

10.2 What happens on “Create New Version”?

Action	Result
Increase version number	The version no. is increased by 1 (e.g. 1 → 2)
Reset compliance status	The status is cleared
Reset check date	“Last Compliance Check” is cleared
Keep data	Material, substance and document data are kept
New check required	A new compliance check must be run

The existing active declaration of conformity (DoC) is automatically set to “Outdated” the next time a DoC is generated.

Compliance Log (Audit Trail)

The compliance log is the system's unchangeable audit trail. Every single check of every module is stored as a separate entry. A typical check run creates 10–30 entries.

11.1 Why unchangeable?

For the audit trail, an auditor (internal or external) must always be able to trace: what was checked and when? What was the result? Who checked? What was expected and what was found? Entries can therefore neither be changed nor deleted or renamed – not even with administrator rights.

11.2 Opening the log

Open the packaging type and choose **Compliance Log**. Alternatively search for **PPWR Compliance Log** (Alt+Q).

11.3 Reading the log

Column	Meaning
Severity	Error / Warning / Info
Check Type	Which module (Completeness, Recyclability, ...)
Description	Plain text: what was found
Expected Value	What should have been
Actual Value	What was actually found
Article Reference	Which PPWR article is affected
Check Run DateTime	When the check run took place (all entries of one run share the same timestamp)
Field name, version no., created by	Affected field, checked version and checking user

Tip: filter on Severity = Error to quickly see all errors of a run.

Reports

The system contains five printable reports, two batch jobs and two analyses that document all relevant compliance information.

12.1 PPWR Compliance Overview

Comprehensive report for one or more packaging types. Contains general data, weights, recyclability, recycled content, risk assessment, active DoC, material composition, substance measurements and all log entries of the latest check run with an error summary. Filterable by no., compliance status and status.

12.2 PPWR Declaration of Conformity

Print version of the EU declaration of conformity under Annex VIII PPWR. Contains 8 sections according to Annex VIII (identification, manufacturer, statement of responsibility, object, statement of conformity, standards, notified body, signature), the material composition as a table and space for signature and date.

12.3 PPWR Risk Assessment

Print version of a risk assessment with header data (packaging type, date, assessor), risk scores per Art. 5–12, overall score and risk level, detail lines per material or supplier and an explanation of the score scale.

12.4 PPWR Supplier Declaration of Conformity

Print version of the supplier declaration with all 13 sections: information obligation, supplier data, material, requirements under Art. 5–12 with yes/no answers, and liability, change notification and signature.

12.5 PPWR Data Sheet

Print or PDF version of the PPWR data sheet of a packaging type. Contains header data with item, variant, version and validity, product description and technical image, weights, plastic share, recyclability, recycled and bio-based content, minimization, compostability, reusability and labeling as well as risk level, compliance status and all material and substance lines.

12.6 Create Blanket PPWR Roles

Batch job for creating customer roles in bulk via a customer filter. Start it with the **Create Blanket Roles** action on the **PPWR Item/Customer Roles** page (see section 15.4).

12.7 Update Material Composition Descriptions

Batch job for master data clean-up: updates description and material type of all material lines to the current state of the referenced material class. Useful after material classes have been renamed or corrected. Start it from the material classes with **Update Descriptions in Compositions**; filterable by material class code and material type.

12.8 Analyses for authority reporting

Two queries provide the quantities for authority reporting: **PPWR Material Consumption Report** and **PPWR Role-Based Shipment Report** (see section 15.6).

12.9 Document language

All five PPWR documents can be printed in another language: declaration of conformity, risk assessment, supplier declaration, compliance overview and data sheet. In the print dialog, under **Options**, select the language in the **Language** field, e.g. ENU for English, DEU for German or NLD for Dutch. If the field is empty, your own language is used. This lets you print, for example, an English declaration of conformity for a foreign customer without changing your user language. Free texts such as the Art. 5 confirmation text from the setup and your master data texts are printed as entered.

Integration with Items, Customers and Sales

The module extends the standard pages of Business Central with PPWR-specific fields and actions.

13.1 Item card

The item card has a **PPWR Compliance** tab with these fields:

- **PPWR Packaging Type No.:** links the item directly to a packaging type; clicking it opens the packaging type card.
- **PPWR Template Pkg. Type No.:** template from which new packaging cards of the item copy settings and substance measurements.
- **No PPWR Packaging Type:** excludes the item and its variants, e.g. auxiliary materials or service items. No card is then created for it – neither through the **PPWR Packaging Type** action nor from the price list, the bulk creation or the packaging configurator. Existing cards are kept.
- **PPWR Compliant** and the technical PPWR documentation area for product description and technical image.

Actions: **PPWR Packaging Type**, **PPWR Packaging Layers** (section 13.7), **PPWR Roles per Customer** and **Import PPWR Technical Image**.

13.2 Item variants

The item variants page also provides the **PPWR Packaging Type No.** field. Each variant of an item can thus be linked to its own packaging type – e.g. for different packaging sizes per variant. Use **PPWR Packaging Layers** to assign further packagings.

13.3 Customer card

On the customer card you reach the customer's PPWR roles with **PPWR Roles per Item** (chapter 15). Under **Reports** you create the customer-wide data sheet as **PPWR Data Sheet (Excel)** or **PPWR Data Sheet (PDF)** (section 16.2).

13.4 Item category

On the item category card you maintain a PPWR product description and a technical image. Both are used on the data sheet and in the report if the item itself has no data of its own.

13.5 Sales documents

On the **sales order** lines, choose **Line** to find the **PPWR** group:

Action	Effect
PPWR Packaging Type	Opens the packaging type card of the item or variant; creates it if none exists
Run PPWR Compliance Check	Checks the packaging type immediately
Print PPWR DoC	Prints the active declaration of conformity
PPWR Data Sheet (PDF) / PPWR Data Sheet (Excel)	Data sheet of the packaging type
PPWR Compliance Log	Shows the check results of the packaging type
PPWR Customer Role	Shows the customer's PPWR roles for this item, including blanket rows

If the item is packed in several packagings (section 13.7), first select the packaging type. If a declaration of conformity is still missing, the system tells you. **Sales quote** lines provide the **PPWR Packaging Type** action. In addition, the check can run automatically when the order is released (section 15.5).

13.6 Creating packaging types from the price list

With the **Create PPWR Packaging Types** action on the lines of a sales or purchase price list you create the missing packaging types in one step. Select the lines and run the action.

- One card is created per item and variant, with the description taken from the item or variant.
- Each new card is checked immediately (compliance check and risk assessment). Without a packaging category, all check modules run.
- Skipped are items that already have a card, items marked **No PPWR Packaging Type** and lines without an item.
- A message finally shows how many cards were created, already existed or were skipped.

13.7 Packaging layers

Many items are packed in more than one packaging, e.g. in their own sales packaging and additionally in a carton shared with other items. You assign such further packagings on **PPWR Packaging Layers**, opened from the item card, the item variants or the search.

Field	Description
Item No., Variant Code	The item; blank variant = applies to all variants

Field	Description
Packaging Layer	Sales Packaging, Grouped Packaging or Transport Packaging
Packaging Type No.	The packaging type of this layer; the same packaging type, e.g. a carton, can be assigned to many items
Quantity per Packaging	How many units of the item (base unit) are in one packaging of this layer, e.g. 12
Compliance Status	Status of the assigned packaging type

Each packaging type keeps its own check and declaration of conformity. On the packaging type card, [Items in this Packaging](#) shows which items use it. Layers are considered by the automatic check on sales release and by the PPWR actions on the order line.

Packaging Categories and Check Control

The PPWR introduces many obligations in stages – minimum recycled content quotas, for example, only apply from 2030 – and not every obligation applies to every type of packaging. Packaging categories therefore let you control, per category, which check modules are active, from which cut-off date they apply and which areas are visible on the packaging type card.

14.1 Creating a category

Search for **PPWR Packaging Categories** and create one entry per type of packaging:

- **Code and description:** short name of the category, e.g. CARTON or PET-BTL
- **Check switch per module:** for Art. 5 to Art. 12 you specify whether the module is checked (e.g. [Check Recyclability \(Art. 6\)](#) ... [Check Labeling \(Art. 12\)](#))
- **Cut-off date per module:** from which date the check applies – before that, the module is skipped
- **Visibility switches:** show or hide the Bio-based, Compostability and Reusability areas on the card. Without a category, Bio-based and Compostability are hidden.
- **System Participation Required:** default for the packaging types of this category (section 14.4)

Then enter the category on the packaging type card in the **Packaging Category Code** field.

14.2 How check activation works

During the compliance check, the system queries the category for each module. A module is checked if the category's check switch is set and either no cut-off date is set or the check date has reached it. The check date is the work date, or the order date on sales release.

- If no category is set, all modules are checked.
- If a module is disabled or its cut-off date has not been reached, the system writes an info entry "Check skipped" to the compliance log. The compliance status is not affected.
- Completeness and Documentation always run – regardless of the category.

14.3 Example

- Folding carton: recycled content check off, reusability hidden
- PET bottle: recycled content check on, cut-off date 01/01/2030
- Reusable crate: recycled content check on, cut-off date 01/01/2030, reusability visible

A PET packaging type checked in 2027 therefore receives the note “skipped” for Art. 7. From 01/01/2030 the same check is activated automatically.

14.4 System participation required

System Participation Required specifies whether the packaging typically ends up with private end consumers (sales, grouped or shipment packaging) and is therefore subject to system participation under the German Packaging Act. Transport packaging and pure B2B industrial packaging are not. You maintain the default on the packaging category. When the category is assigned, the value is copied to the packaging type and can be changed there per packaging type. The flag is used for documentation and filtering, e.g. in the PPWR Packaging Types list; it is not checked.

Customer Roles and Authority Reporting

The PPWR links obligations to the role an economic operator takes for a product – manufacturer, producer, distributor, importer or supplier. With PPWR roles you store this role per customer, optionally per item and variant, and automatically derive which obligations apply.

15.1 Assigning a role

1. Open the customer card and choose **PPWR Roles per Item**.
2. Create an entry: select the role, optionally restrict it to an item and variant.
3. When the role is set, the four obligation flags **Requires DoC**, **Requires Risk Assessment**, **Report to Authority** and **PPWR Data Sheet** are pre-filled – you can then adjust them individually.

15.2 Roles and derived obligations

Role	DoC required	Risk assessment	Reporting	PPWR data sheet
Manufacturer	Yes	Yes	Yes	–
Producer	–	Yes	Yes	–
Distributor	–	–	–	Yes
Importer	–	–	–	Yes
Supplier	–	–	–	Yes

15.3 Which entry applies?

For a sales line, the system looks for the matching role in this order – the first match wins:

1. Entry with item and variant
2. Entry with item (variant empty)
3. Customer entry without item and variant – applies to all items of the customer

A customer can thus have a general role while individual items are handled differently.

15.4 Creating roles for many customers at once

The **Create Blanket PPWR Roles** batch job creates a general role entry for many customers at once via a customer filter – with the selected role and obligation flags. Customers that already have a role are skipped.

15.5 Automatic check on order release

If **Auto Compliance Check on Sales Release** is enabled in the PPWR Setup, the system checks every item line when a sales order is released:

- All packaging types of the item or variant are checked: the packaging type of the card and all packaging layers. Each packaging type is checked once per order, with the order date as check date, including the risk assessment.
- If there is a role line for the customer, item and variant, the check only runs when **Requires DoC** or **Requires Risk Assessment** is set there. Without such a line the check always runs.
- If the packaging type has **Update From** = BOM, the material composition is first refreshed from the BOM (with the Packaging Connector); with supplier declaration, the data of the newest supplier declaration is adopted.
- A PPWR issue never prevents the release.

This documents an up-to-date check status at the time of delivery and reporting.

15.6 Analyses for authority reporting

- **PPWR Material Consumption Report**: shipped quantities per customer and item from the sales shipments – the basis for extrapolating material quantities via the material composition
- **PPWR Role-Based Shipment Report**: shipment lines filtered on roles subject to reporting

Both analyses are available as queries for web services and analysis tools (e.g. Excel or Power BI).

Data Sheet Export and PPWR Portal

Customers – especially distributors and importers – need a PPWR data sheet for every item delivered. The module generates this data sheet automatically: as an Excel file, as a PDF and via web services for an external portal.

16.1 Data sheet per packaging type

- **PPWR Data Sheet (Excel)**: action on the packaging type card – with header data, all check results, material lines and substance measurements
- **PPWR Data Sheet (PDF)**: the same data as a printable report, see section 12.5

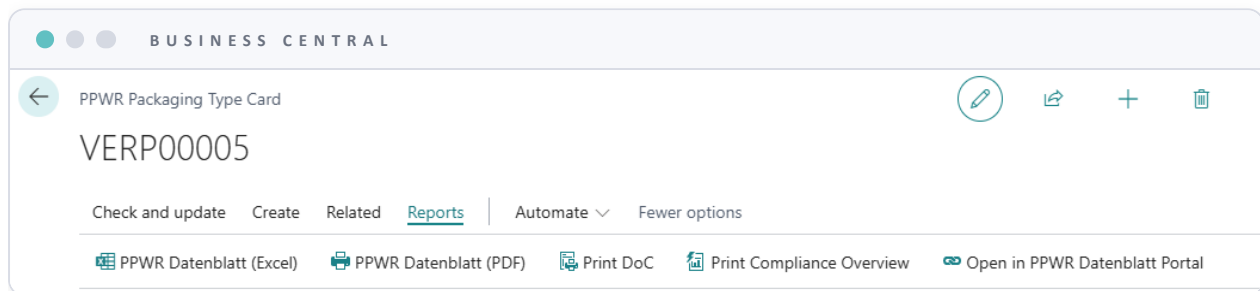


Fig. 18 – Data sheet per packaging type

16.2 Data sheet per customer

On the customer card, under **Reports**, you create a customer-wide data sheet:

- **PPWR Data Sheet (Excel)**: one row per item or variant assigned to the customer through **item references** (reference type Customer), with customer item number, PPWR role, weights, key figures, status and material composition.
- **PPWR Data Sheet (PDF)**: one PDF containing the data sheet of each of these packaging types, one after the other.

The packaging type of the variant is used, otherwise that of the item. If there are several, the system takes the one with the latest “Valid From”, regardless of status; the status is shown on the sheet. So maintain an item reference for every item the customer is to receive.

- **With template**: if a customer data sheet template has been imported in the setup, the data is written from the **Data Sheet Data Start Row** into the worksheet named in **Data Sheet Template Sheet Name** – your designed template header is kept.
- **Without template**: a formatted standard table is created.

16.3 Connecting a portal

The module provides web services for connecting a portal. They deliver:

- the customer data sheet as an Excel file or as JSON
- the data sheet of a packaging type as an Excel file
- the card data of a packaging type as JSON
- the active declaration of conformity as PDF

If a portal base URL is set in the setup, the packaging type card also shows the [PPWR Data Sheet Portal Link](#) field; the [Open in PPWR Data Sheet Portal](#) action takes you directly to the matching portal entry.

16.4 Product description and technical image

The data sheet and report show a product description and a technical image. You maintain both on the item or – as a fallback – on the item category: if the item has no data, the item category's is used automatically.

Customer-specific additional columns on the data sheet can be added via extensions without changing the module itself.

Notes and Current Limitations

Please note the following current limitations of the module:

- **Auto-generate DoC:** the setup field currently has no effect. Create the declaration of conformity with **Generate DoC**.
- **Status Orange:** is currently not assigned; there are only Green, Yellow, Red and Grey.
- **Risk assessment partly flat-rate:** the scores for Art. 7 (recycled content), Art. 8 (bio-based) and Art. 9 (compostability) are currently fixed at 0 – Art. 7 only applies from 2030, Art. 8 is subject to an EU reservation and Art. 9 is irrelevant for transport packaging. The other scores are calculated from the check results.
- **Setup limits:** “Max. Void Ratio %”, “Max. Weight Ratio %” and “Min. Rotation Cycles” in the setup are not checked yet; the flags and values on the packaging type card apply.
- **Annex II:** criteria and thresholds are reference data; the recyclability grade comes from the matrix.
- **Packaging layers:** are not yet considered in the customer data sheet and the material consumption report.
- **Analyses for authority reporting:** are available as queries for web services and analysis tools, not via the search. The role-based shipment report only considers role lines with an item.
- **Unit weight basis:** only takes effect with the PPWR Packaging Connector.
- **DoC declaration text:** is generated in English on the card; the printout follows the selected language.
- **No automatic notifications:** the system does not send alerts for expiring documents or due checks.

Frequently Asked Questions

Why is my status “Grey”? Basic data is missing: description, Valid From or at least one material line with a material class code. A missing empty weight only results in a warning.

Why doesn’t an item get a packaging card? Check the **No PPWR Packaging Type** field on the item card.

Why is an item missing from the customer data sheet? The customer data sheet only contains items assigned to the customer through an item reference.

How do I get a declaration of conformity in English? In the print dialog, select ENU in the **Language** field.

Support

For questions about the duveka PPWR solution, please contact duveka GmbH – e-mail: support@duveka.de,
web: www.duveka.de

© 2026 duveka GmbH. All rights reserved.



power on your business.

duveka GmbH · www.duveka.de