

VinylPlus definition of PVC recycling material

- General definition: **“RECYCLED PVC IS A DISCARDED PVC PRODUCT OR SEMI-FINISHED PRODUCT, THAT IS DIVERTED FROM WASTE FOR USE WITHIN A NEW PRODUCT, PROCESSING WASTE IS INCLUDED PROVIDED THAT IT CANNOT BE REUSED IN THE SAME PROCESS THAT GENERATED THE WASTE”**
- Specific interpretations for pipes, profiles, cables, flooring, calendered rigid films, soft films and sheets

VinylPlus

Sector Definitions of Recycling



EPPA Definition of Recycling

RECYCLED PVC IS A DISCARDED PVC PRODUCT OR SEMI-FINISHED PRODUCT, THAT IS DIVERTED FROM WASTE FOR USE WITHIN A NEW PRODUCT, PROCESSING WASTE IS INCLUDED PROVIDED THAT IT CANNOT BE REUSED IN THE SAME PROCESS THAT GENERATED THE WASTE

■ Post-Industrial Waste

- ✗ Excluded – Factories (Profile Manufacturers)
- ✗ Processing waste including:
 - ✗ Start-up material
 - ✗ Quality reject material
 - ✗ Storage yard waste material including sweepings and chips
- ✓ Included - Window Manufacturers (Frame Production)
 - ✓ Production Waste:
 - ✓ Off-cuts
 - ✓ Broken profiles/quality failures
 - ✓ Storage yard waste material including loading

■ Post-Consumer Waste

- ✓ Windows, shutters, claddings etc but without metal parts, reinforcement, handles or glazing that includes:
 - ✓ Mis-measured window frames if observed outside the window frame plant
 - ✓ Storage yard waste
 - ✓ Transport waste
 - ✓ Installation waste
- ✓ All approved, sold, finished products go to customers + material from
 - ✓ Deconstruction/demolition waste
 - ✓ Sorting companies for building and construction waste
 - ✓ Municipal waste sites
 - ✓ Waste management companies
 - ✓ Dismantling by window manufacturer

TEPPFA Definition of Recycling

RECYCLED PVC IS A DISCARDED PVC PRODUCT OR SEMI-FINISHED PRODUCT, THAT IS DIVERTED FROM WASTE FOR USE WITHIN A NEW PRODUCT, PROCESSING WASTE IS INCLUDED PROVIDED THAT IT CANNOT BE REUSED IN THE SAME PROCESS THAT GENERATED THE WASTE

■ Post-Industrial Waste

- ✗ Excluded – Factories (Extrusion/Injection Moulding)
 - ✗ Waste that can be re-used directly in the same process that generated the waste
 - ✗ E.g. injection moulded stubs that are ground back directly into the injection moulding machine
- ✓ Included – Factories
- ✓ (Extrusion/Injection Moulding)
 - ✓ Production Waste that cannot be re-used directly in the same process that generated the waste:
 - ✓ Start-up material
 - ✓ Quality reject products
 - ✓ Quality test products and storage yard waste

■ Post-Consumer Waste

- ✓ PVC pipes from building traders, construction, municipalities, utility, agriculture and telecom companies
 - ✓ Sorting, Cleaning, non-plastics removal, crushing, micronizing, homogenizing
- ✓ All approved, sold, finished products go to customers + material from
 - ✓ Deconstruction/demolition waste
 - ✓ Sorting companies for building and construction waste
 - ✓ Municipal waste sites

EPFloor - Definition of Recycling

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■ Post-Industrial Waste

- ✗ Excluded – Factories (Floor Covering waste)
- ✗ Processing waste that can be re-used in the SAME process that generated the waste
 - ✗ Kneading waste
 - ✗ Clippings and Edge Trimmings
 - ✗ Storage yard waste material including sweepings and chips
- ✓ Included – Factories (Floor Covering Waste)
 - ✓ Flooring Waste:
 - ✓ Re-used in OTHER internal processes or sold to other flooring manufacturers or other converters

■ Post-Consumer Waste

- ✓ Post-consumer waste from used flooring after renovation, demolition
- ✓ Internal re-use of off cuts
- ✓ Waste generated from the above streams which is then provided to a recycler

Film & Sheet - Definition of Recycling

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■ Post-Industrial Waste

✗ Excluded – Factories (Calender and Extruder Manufacturers)

✗ Processing waste including:

- ✗ Kneading waste
- ✗ Clippings and Edge Trimmings
- ✗ Storage yard waste material including sweepings and chips

✓ Included – Factories (Calender and Extruder Manufacturers)

✓ Roll Waste:

- ✓ Not usable for the same product
- ✓ Roll waste and Edge Trimmings from
 - ✓ PVC/PE Composites
 - ✓ PVC/PVDC
 - ✓ PVC/Substances Materials

■ Post-Consumer Waste

✓ Post-consumer waste from and to the following industries:

- ✓ Monofilms → PVC films
- ✓ Laminates → PVC plates
- ✓ Coated → PVC sheets
- ✓ Painted → PVC articles metallised & printed

Coated Roofing - Definition of Recycling

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■ Post-Industrial Waste

- X Excluded – Factories (Calender and Extruder Manufacturers)
- X Processing waste including:
 - X Kneading waste
 - X Clippings and Edge Trimmings
 - X Storage yard waste material including sweepings and chips
- ✓ Included – Factories (Calender and Extruder Manufacturers)
 - ✓ Roll Waste:
 - ✓ Not usable for the same product
 - ✓ Roll waste and Edge Trimmings from
 - ✓ PVC/PET Composites

■ Post-Consumer Waste

- ✓ Post-consumer waste from and to the following industries:
 - ✓ Coated → PVC sheets
- ✓ All approved, sold, finished products go to customers + material from
 - ✓ Deconstruction/demolition waste
 - ✓ Sorting companies for building and construction waste
 - ✓ Municipal waste sites

Cable - Definition of Recycling

RECYCLED PVC IS A DISCARDED PVC PRODUCT OR SEMI-FINISHED PRODUCT, THAT IS DIVERTED FROM WASTE FOR USE WITHIN A NEW PRODUCT, PROCESSING WASTE IS INCLUDED PROVIDED THAT IT CANNOT BE REUSED IN THE SAME PROCESS THAT GENERATED THE WASTE

■ Post-Industrial Waste

- ✗ Excluded – Factories (Extrusion)
 - ✗ Waste that can be re-used directly in the same process that generated the waste
 - ✗ Start up waste extruded directly back into the extruder
 - ✗ Storage yard waste material including sweepings and chips
- ✓ Included – Factories (Extruder Manufacturers)
 - ✓ Cable Waste:
 - ✓ Not usable in the SAME product such as contaminated with metals etc.

■ Post-Consumer Waste

- ✓ Post-consumer cable from the demolition industry or scrap cable from electrical industry which has been stripped of copper etc and re-used in either:
 - ✓ New Cable applications for bedding or
 - ✓ Non-cable applications e.g. traffic management systems etc.