SBC

PACKAGING SPECIFICATION

Document No.: SBC-PS-TS-AQUA-IR2K-EN-001

Version: 1.0

Language: English

Issue Date: ____ / ____ / _____

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1. PURPOSE

This Packaging Specification defines the requirements for the packaging, identification, palletization, storage preparation and transportation of the **THERMO SHIELD® AQUA IR 2K** product.

The objective of this document is to ensure:

- product protection during transportation;
- complete product identification;
- full traceability;
- safe storage and handling;
- consistent SBC corporate branding.

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2. PRODUCT IDENTIFICATION

Product Name:

THERMO SHIELD® AQUA IR 2K

Product Type:

Two-Component Water-Based Infrared Reflective Acrylic–Polyurethane Protective Coating

Referenced Documents:

- Technical Data Sheet (TDS)
- Application Guide
- Product Label
- Safety Data Sheet (SDS)
- Declaration of Conformity

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3. STANDARD PACKAGING SIZES

The product may be supplied in the following standard packaging sizes:

Package Size	Net Content
1 litre	1 L
5 litres	5 L
10 litres	10 L
20 litres	20 L

Custom industrial packaging sizes may be supplied upon request.

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4. PACKAGING MATERIALS

Primary Packaging

The product shall be packaged in one of the following containers:

- coated steel paint pail or metal container;
- HDPE plastic container (where applicable);
- chemical-resistant sealed lid;
- original SBC tamper-evident closure.

Secondary Packaging

Secondary packaging may include:

- corrugated cardboard boxes;
- shrink wrap;
- stretch pallet film;
- edge protectors;
- protective separators where required.

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5. PRODUCT LABELLING

Each individual package shall be clearly labelled with the following information:

- SBC logo;
- product name;
- product type;
- colour designation;
- package size;
- net weight;

- batch (LOT) number;
- manufacturing date;
- shelf-life or expiry date;
- application pictograms;
- hazard information where applicable;
- QR code;
- barcode.

Labels shall be durable, weather-resistant, moisture-resistant and abrasion-resistant throughout normal storage and transportation.

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6. PACKAGING REQUIREMENTS

The packaging system shall provide protection against:

- leakage;
- mechanical damage;
- moisture ingress;
- contamination;
- UV exposure during storage;
- handling damage during loading and transportation.

All packaging units shall be delivered clean, properly sealed and free from visible defects.

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7. PALLETIZATION

Recommended pallet types:

- EUR pallet (1200 × 800 mm);
- industrial pallet of equivalent quality.

Packages shall be:

- evenly distributed across the pallet;
- secured using stretch film;
- additionally strapped when required;
- protected against movement during transportation.

The pallet configuration shall ensure safe loading, unloading and warehouse storage.

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8. TRACEABILITY

Each packaging unit shall be uniquely identifiable by means of:

- Batch (LOT) Number;
- Manufacturing Date;
- Shelf-Life / Expiry Date;
- Production Documentation;
- Quality Control Records.

Complete traceability shall be maintained through the manufacturer's Quality Management System.

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9. QUALITY CONTROL

Prior to shipment, each packaging unit shall be inspected to verify:

- packaging integrity;
- proper sealing;
- correct product label;
- correct package size;
- colour identification;
- batch number;
- availability of all required documentation.

Products with damaged or non-conforming packaging shall not be released for shipment.

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10. ENVIRONMENTAL CONSIDERATIONS

Whenever technically and economically feasible, packaging materials shall:

- be recyclable;
- minimize packaging waste;
- reduce environmental impact;
- comply with applicable environmental regulations.

Packaging waste shall be managed in accordance with local legislation.

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11. RELATED DOCUMENTATION

This specification should be used together with:

- Technical Data Sheet (TDS)

- Product Label
- Application Guide
- Safety Data Sheet (SDS)
- Declaration of Conformity
- Storage & Transport Guide

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12. DOCUMENT CONTROL

This Packaging Specification is a controlled document within the SBC Quality Management System.

Any modification shall be reviewed, approved and documented by authorized SBC personnel.

Only the latest approved version shall be considered valid.