

SBC

STORAGE & TRANSPORT GUIDE

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1. PURPOSE

This Storage & Transport Guide defines the requirements for the safe storage, handling, transportation and logistical preparation of **THERMO SHIELD® AQUA IR 2K**.

Compliance with this document ensures:

- preservation of product quality;
 - maintenance of declared technical performance;
 - protection of packaging integrity;
 - safe logistics operations;
 - complete product traceability throughout the supply chain.
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2. SCOPE

This guide applies to all parties involved in handling the product, including:

- manufacturing facilities;
 - finished goods warehouses;
 - distribution and logistics centres;
 - distributors and resellers;
 - contractors and applicators;
 - transportation companies;
 - end users responsible for storage prior to application.
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3. PRODUCT IDENTIFICATION

Product Name:

THERMO SHIELD® AQUA IR 2K

Product Type:

4. STORAGE CONDITIONS

The product shall be stored only in its original, unopened and properly sealed packaging.

Recommended storage temperature:

+5 °C to +30 °C

The product shall be protected against:

- freezing;
- prolonged exposure to temperatures above +35 °C;
- direct sunlight;
- rain and moisture;
- excessive humidity;
- dust contamination.

Storage areas should be:

- dry;
- clean;
- well ventilated;
- covered;
- protected from mechanical damage;
- free from sources of contamination.

5. WAREHOUSE STORAGE

Packaging units shall:

- be stored on a flat and stable surface;
- remain in an upright position;
- not exceed the manufacturer's recommended stacking height;
- be protected from crushing and impact damage.

The **FIFO (First In – First Out)** inventory management principle is recommended to ensure proper stock rotation.

6. TRANSPORT REQUIREMENTS

During transportation, the following shall be ensured:

- packaging integrity;
- secure load restraint;
- protection against movement and tipping;
- protection from rain and moisture;
- avoidance of excessive heat exposure;
- protection from mechanical damage.

The cargo shall be securely fastened in accordance with applicable transport regulations and good logistics practice.

7. HANDLING

During loading and unloading operations:

- containers shall not be dropped or thrown;
- impact damage shall be avoided;
- suitable lifting equipment shall be used;
- packaging shall remain intact.

Recommended handling equipment includes:

- forklifts;
 - pallet trucks;
 - mechanical lifting devices suitable for palletized loads.
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8. TEMPERATURE PROTECTION

The product shall be protected against:

- freezing temperatures;
- excessive heat;
- repeated freeze–thaw cycles.

Where necessary, temperature-controlled transportation shall be used to maintain the recommended storage temperature throughout shipment.

9. SHELF LIFE

The manufacturer's declared shelf life applies only when:

- the packaging remains unopened;

- storage conditions comply with this guide;
- the product has not been frozen;
- recommended storage temperatures have been maintained.

Any deviation from these conditions may adversely affect product performance.

10. DAMAGED PACKAGING

Products with damaged packaging shall:

- be clearly identified and segregated;
- undergo quality inspection prior to use or shipment;
- be repackaged where appropriate;
- not be released if product quality cannot be assured.

The manufacturer reserves the right to reject products whose integrity cannot be verified.

11. HEALTH & SAFETY

Personnel handling the product shall comply with:

- the Safety Data Sheet (SDS);
- applicable occupational health and safety regulations;
- local chemical handling requirements;
- internal workplace safety procedures.

Appropriate personal protective equipment (PPE) shall be used whenever required.

12. ENVIRONMENTAL CONSIDERATIONS

During storage and transportation, every effort should be made to:

- minimise packaging waste;
- prevent environmental contamination;
- immediately contain and clean accidental spills;
- ensure proper disposal or recycling of packaging materials.

Waste management shall comply with applicable environmental legislation.

13. RELATED DOCUMENTS

This guide shall be used together with the following SBC documents:

- Technical Data Sheet (TDS)
 - Packaging Specification
 - Product Label
 - Application Guide
 - Safety Data Sheet (SDS)
 - Declaration of Conformity
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14. DOCUMENT CONTROL

This Storage & Transport Guide is a controlled document within the SBC Quality Management System.

Any revision shall be subject to formal review, approval and document control procedures.

Only the latest approved version shall be considered valid.