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Economic Commission for Europe**Inland Transport Committee****Working Party on the Transport of Perishable Foodstuffs****Seventy-ninth session**

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Item 5 (a) of the provisional agenda

Proposals of amendments to ATP:**Pending proposals****Proposed amendments to annex 1, appendix 2,
paragraph 7.3.7****Transmitted by the Government of France****Revision***Summary*

Executive summary:	Proposal to supplement annex 1, appendix 2, paragraph 7.3.7 with a restriction on the use of some types of internal dividing walls
Action to be taken:	Supplement annex 1, appendix 2, paragraph 7.3.7
Related documents:	None.

Introduction

1. Annex 1, appendix 2, paragraph 7.3.7 refers to the thermal losses through internal dividing walls for which only two types are represented, by the terms “Longitudinal” and “Transversal”.
2. The technological solutions offered by body manufacturers to meet the needs of carriers are not fully represented by these terms, which may be open to interpretation.
3. The purpose of this proposal is to introduce a characterization for movable dividing walls used in multi-temperature transport and to supplement annex 1, appendix 2, paragraph 7.3.7 in addition to the proposal made in ECE/TRANS/WP.11/2022/3.



I. Proposal

4. Introduce a notion of restriction in annex 1, appendix 2, 7.3.7:

“7.3.7 Internal dividing walls

“For multi-temperature, multi-compartment transport, only fixed and insulated dividing walls and/or mobile and insulated dividing walls are allowed.

In addition, these dividing walls must meet the following criteria.

Thermal losses through internal dividing walls shall be calculated using the K coefficients in the following table.

	<i>K coefficient – [W/m².°C]</i>		<i>Minimum insulation thickness</i>
	<i>Fixed</i>	<i>Moveable</i>	<i>[mm]</i>
Longitudinal – alu floor	2.0	3.0	25
Longitudinal – GRP floor	1.5	2.0	25
Transversal – alu floor	2.0	3.2	40
Transversal – GRP floor	1.5	2.6	40

K coefficients of movable dividing walls include a safety margin for specific ageing and unavoidable thermal leakages.

For specific designs with additional heat transfer caused by additional thermal bridges compared to a standard design, the partition K coefficient shall be increased.

The dividing wall(s) shall consist of a laminated sandwich panel and smooth surfaces.

In the case of a movable dividing wall, the wall must be fitted out with a locking mechanism to ensure that it is maintained in a vertical or horizontal position throughout the use of the equipment.”

II. Impact

- Cost: No impact.
- Environment: No impact.
- Feasibility: The proposed amendment can easily be implemented in ATP. A transitional period is not needed.
- Enforceability: No problems are expected.