

Thema: Anwendungshinweise MB Behälter mit Isolierset / Application notes

Verteiler: Kunde / Customer

Notes on correct use

The MB bins with insulation set keep refrigerated goods in a temperature window between 2° C and 8°C for at least 12 hours.

The qualification documents and a detailed FAQ list can be found at www.bito.com/beratung-Service/Downloads. Please read these documents carefully before using the bins for the first time.

The placement and handling of cold packs

The cooling accumulators should be stored at -16°C to -20°C for at least 72 hours. To ensure that the liquid is evenly distributed, they must be stored horizontally.

Different scenarios were tested and pre-qualified:

1. typical transport in summer

Three accumulators, frozen, are used for this purpose. One each in the side guides and one in the lid.

2. typical transport in winter

For this, two frozen cold packs are placed in the sides, and one cold pack, tempered at 5°C, is placed in the lid.

3. internal transports at constant 20°C ambient temperature

With two frozen cold packs in the side compartments (no cold pack in the lid), the temperature holding time in the MBD43271 is > 16 hours, and in the bin MBD64271 > 8 hours. For longer transports, it is also recommended to use the third cold pack (frozen) in the lid.

Important:

The tests were performed as realistically as possible with a product substitute, which is an important factor for the temperature in the bin. The product volume for the tests in the MBD43271 was 400ml and in the MBD64271 800 ml.

If you use a lower product volume please make sure that the missing volume is compensated by a substitute, e.g. corresponding number of 0.2 l water bottles.

These should - like the product itself - already be preconditioned with the recommended temperature.

Failure to do so may result in the temperature falling below the 2°C limit!

If your transport conditions deviate significantly from the ambient temperature profiles or filling volumes shown in the qualification documents, we recommend that you carry out your own transport tests with temperature recordings. We will be happy to support you in qualifying your individual configuration.