

## Business Requirements

### Shipping

### Pallet Information for Shipping to ABG Venlo The Netherlands, ABG Pruszkow Poland, ABG Budapest, Hungary

#### Pallet requirements

For shipments to our warehouses in Venlo The Netherlands, Pruszkow Poland and Budapest Hungary follow the below instructions:

- Gross weight is not to exceed 1,000 kilograms.
- Use 4 way entry block pallets for 100cm x 120cm size.
- The ideal height, including pallet, is 150 cm.
- The base of the master carton must fit a standard 120cm wide x 100 cm long pallet without extending over the sides.
- Pallets must be shrink wrapped and stacked in a way to ensure stability.
- Pads (corrugate etc) must not be used between pallets and product.
- The top side of pallets must be smooth, free from nail protrusions and other damaging projections.
- The pallet must be free from pollution such as grease and / or oil.
- ABG does not operate a pallet return, exchange or reimbursement program.
- The pallet configuration is to be agreed upfront by the Buyer and can not be changed without prior approval of the Buyer.
- Each pallet is to be labeled with a Pallet Label.

#### Regulation

On all wooden packaging – pallets, crates etc – that are used for shipment to ABG warehouses in the European Union please note the following European Directive:

Commission Decision 2001/219/EC states that all coniferous wood packaging, excluding Thuja L., shall be heat-treated or pressure treated with chemicals or fumigated in accordance with the above Commission Decision.

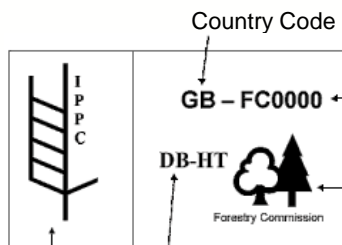
#### ISPM15 regulations

Wood packaging material shall be subject to one of the approved measures as specified in ISPM15, notably;

- heat treatment of the wood packaging material that achieves a minimum wood core temperature of 56 degrees Celsius for a minimum of 30 minutes, or
- the wood packaging material should be fumigated with Methyl bromide in alignment with requirements described in Annex 1 of ISPM15 and display a mark with the two-letter ISO country code, a code identifying the producer and the code identifying the approved measure applied to the wood packaging material as specified in Annex II of ISPM15

An example of the correct marks: (as applied by in the United Kingdom for exporting wood packaging material to countries, which have implemented ISPM15).

#### SAMPLE MARK



IPPC logo

Treatment code "HT" for heat treatment;  
"MB" for methyl bromide.

Unique number assigned by NPPO(National Plant Protection Organization) to the products of the WPM

Optional information. like Forestry Commission logo, lot number or inspection agency logo, etc.

For more information see [www.IPPC.int](http://www.IPPC.int)

## Business Requirements

### Shipping

#### Pallet Information for Shipping to ABG Ada, USA

##### **Pallet requirements**

- Pallet Dimension: Minimum = 48" x 40" (4-way entry) / Maximum = 48" x 48" (2-way entry)
- All pallets must conform to "specification and grades for hardwood warehouse permanent or returnable pallets" of the National Wooden Pallet and Container Association. ABG requires a GMA #1 pallet or better.
- All pallets must have a minimum under-clearance of 3 5/8" for fork entry.
- Skid deck must be smooth, free from nail protrusions, knots, and other damaging projections.
- Pallets made of ash are not accepted.
- Pallets must not be chemically treated or contain wood treated with preservatives.
- Pallets may be heat treated meeting ISPM15 standards and in some cases heat treatment may be required. Notification will be given when heat treated pallets are required.
- Access Business Group Ada warehouse racking is 108" wide x 54" high designed to accommodate two pallets.
- ABG does not exchange pallets.

##### **Palletizing Requirements**

- Slip sheets are not to be used with pallets.
- Only one part number (or SKU) per pallet is preferred. If a pallet contains more than one SKU, please identify the SKU and quantity of each item included on that pallet.
- Overall height of palletized unit including pallet is not to exceed 53".
- Containers or material must not extend over the perimeter of the pallet base, and cartons should be placed right side up on the pallet.
- Gross weight of material including pallet is not to exceed 3000 pounds.
- Container construction and pallet design should be such that the stacking of pallet loads to a minimum height of 15 feet is obtainable. Pyramidal pallet loads are not acceptable.
- All unitized loads are to be plastic banded, stretch-wrapped, or shrink-wrapped.

##### **Packaging requirements**

- Quantity per container must be consistent with purchase order. Any partial container must be marked "**PARTIAL**" so that it is clearly visible.
- Preferred gross weight of individual cartons is 30 pounds, not to exceed 40 pounds.
- Bags or sacks are not acceptable as a primary packaging medium.
- Bundles are suitable only in those instances where parts cannot be economically packaged into cartons, and where no critical surfaces exist that may damage the goods.

##### **Non-Palletized Loads**

- Container construction must allow for stacking loads to a minimum height of 15 feet.
- Overall height of unit is not to exceed 48" except for shipments of material in totes.
- All non-palletized loads of packaging components are placed on 48" x 40" pallets at ABG warehouses. Container sizes that maximize the utilization of the pallet surface area with no overhang is required.

## Business Requirements Shipping

### Pallet Information for Shipping to Japan

#### Pallet requirements

Contact the Buyer for details on this.

#### No wood packaging

For shipments to our warehouse in Japan no wood packaging should be used. Use plastic pallets, cardboard pallets or slip sheets instead.

In exceptional cases, wood packaging can be approved by the Buyer. The wood packaging is to meet ISPM no.15 regulations. Please work with your ABG Buyer to see if wood packaging can be accepted.

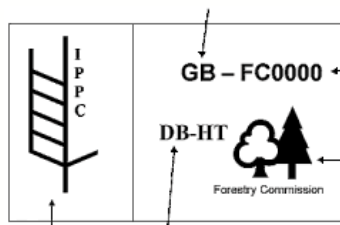
#### ISPM15 regulations

The wood packaging material shall be subject to one of the approved measures as specified in ISPM15, notably;

- heat treatment of the wood packaging material that achieves a minimum wood core temperature of 56 degrees Celsius for a minimum of 30 minutes, or
- the wood packaging material should be fumigated with Methyl bromide in alignment with requirements described in Annex 1 of ISPM15 and display a mark with the two-letter ISO country code, a code identifying the producer and the code identifying the approved measure applied to the wood packaging material as specified in Annex II of ISPM15

An example of the correct marks: (as applied by in the United Kingdom for exporting wood packaging material to countries, which have implemented ISPM15).

SAMPLE MARK Country Code



**Unique number assigned by NPPO(National Plant Protection Organization) to the products of the WPM**

**Optional information. like Forestry Commission logo, lot number or inspection agency logo, etc.**

IPPC logo

Treatment code "HT" for heat treatment;  
"MB"for methyl bromide.

**For more information see [www.IPPC.int](http://www.IPPC.int)**

For shipment that does not contain wood packaging material, shipper has to ensure all of the packing and supporting materials are not wooden stuff, and attach the Declaration of No-Wood Packing Material in the standard shipping documents.

For shipment that does contain wood packaging material, shipper has to follow the requirement as described above, that is to ensure all wooden packing and supporting materials in the shipment are treated and marked in accordance with ISPM15. Shipper should email (contact your ABG buyer for email address) the following documents to Japan for shipping approval:

(a) Declaration of Wood Packing Material (including the information of shipment container number, invoice number, total number of wood packaging), declaring the wooden materials are treated in accordance with IPPC.

(b) A digital photo of the IPPC log on wooden packaging.

Shipper should not arrange shipment on board until both (a) and (b) are approved by Japan. Shipper is to attach the original of (a) and (b) within the standards shipping documents.

## Business Requirements Shipping

### Pallet Information for Shipping to Other Destination

#### **Pallet requirements**

Contact your Procurement contact for details on this.

#### **No wood packaging**

For shipments to our warehouse in China no wood packaging is to be used. Use plastic pallets, cardboard pallets or slip sheets instead.

For more details contact your Procurement contact.