

Exclusion criteria

The following waste may not be deposited:

- Radioactive waste.
- Liquid waste (also such waste that contains free liquids or releases them only after a longer period of standing or through vibrations).
- Infectious waste as well as body parts and organs.
- Unidentified or new chemical waste from research, development and training activities, the effects of which on human health and the environment are unknown.
- Whole or split used tyres.
- Waste that generates significant odours.
- Biodegradable (organic) waste.
- Waste that, under storage conditions (30°C), reacts with other waste constituents or with the rock in a manner that causes volume expansion, the formation of self-igniting, toxic ($> 10 \times$ occupational exposure limit (OEL)) or explosive substances or gases (gases $> 10 \% \text{ LEL}^1$), or other hazardous reactions.
- Waste that is explosive, highly or readily flammable under deposit conditions (30°C), releases a pungent odour, or is not sufficiently stable with respect to geomechanical conditions.

Information on the verification/notification procedure

- **The underground waste disposal plant (UTD) may accept waste from Germany in a privileged procedure in accordance with the Ordinance on Waste Recovery and Disposal Records.**
Waste producers or their authorised representatives can therefore submit the necessary documents directly to the UTD.²
- Any applicable mandatory waste allocation requirements must be complied with.
- Notification is required for waste not originating in Germany.
- The UTD's declaration of acceptance is based on the waste declaration submitted by the waste producer and on the analytical results obtained from a representative sample of the waste.
- **Waste-specific special regulations are laid down on a binding basis as part of the verification/notification procedure.**
- Please contact us regarding the documents to be submitted.
- If significant changes occur in the type, quantity or origin of the waste, compared with the information provided in the declaration, the UTD must be informed immediately in writing.

¹ LEL: Lower explosion limit

² Cover sheet proof of disposal, responsible declaration, declaration analysis, protocols on sampling and sample preparation and supplementary sheet UTD

Required accompanying documents

- The required accompanying documents depend on the type and origin of the waste as well as on legal requirements. **They must be completed in full and presented at the time of acceptance. Otherwise, we are entitled to reject the delivery.**
- For deliveries from Germany: accompanying certificates³, written instructions and weighing card as well as the ADR certificate for dangerous goods.
- For deliveries from abroad, also the consignment notes and shipping/accompanying document.

In addition to the legal requirements, the accompanying documents must indicate the type and number of containers as well as the K+S code.

- If the weighing card is missing, weighing will take place on acceptance.
- **The costs will be invoiced.**
- Random control weighing is carried out on all deliveries.

Waste packaging

- **In principle, waste must be packed.**
- The type of packaging (steel drums, sheet steel boxes, Big Bags, mesh cages) is determined by the properties of the waste and is specified as binding as part of the verification/notification procedure.
- Details of the packaging types are provided on the following pages.
- **Each container must be clearly and permanently labelled with the K+S Code** (character height at least 10 cm; not on the lid; no paper labels).
- For dangerous goods, the packaging must comply with the ADR requirements and be labelled in accordance with the German Hazardous Substances Ordinance (GefStoffV) and/or the CLP Regulation.
- **The containers must be undamaged and externally clean.**
- **Exceptions include deliveries of large items of equipment or containers that cannot be packaged (by arrangement), as well as deliveries by silo lorries (provided that the goods can be transferred into Big Bags at the UTD).**

³ Mandatory documents must be kept electronically in accordance with the Ordinance on Waste Recovery and Disposal Records.

Delivery of waste

Delivery address:

UTD Herfa-Neurode
Herfagrund
36266 Heringen

Operating hours of the underground waste disposal plant:

Delivery of packaged waste

Monday to Friday 05:30 bis 13:00

Delivery in silo lorry

Monday 05:30 to 24:00

Tuesday to Friday 0:00 to 24:00

Lorry delivery:

- Lorries carrying packaged waste must be unloadable from the **passenger side**.
- The StVO (German Road Traffic Regulations) applies on the site, max. 30 km/h.
- If required, instructions will be provided by our personnel.

Delivery is only possible after confirmation by the UTD

Please arrange delivery dates with the UTD in good time by email, fax or telephone:

Email : dispo_utdhn@k-plus-s.com

Telephone : +49 (6624) 81-1308/ 81-1269

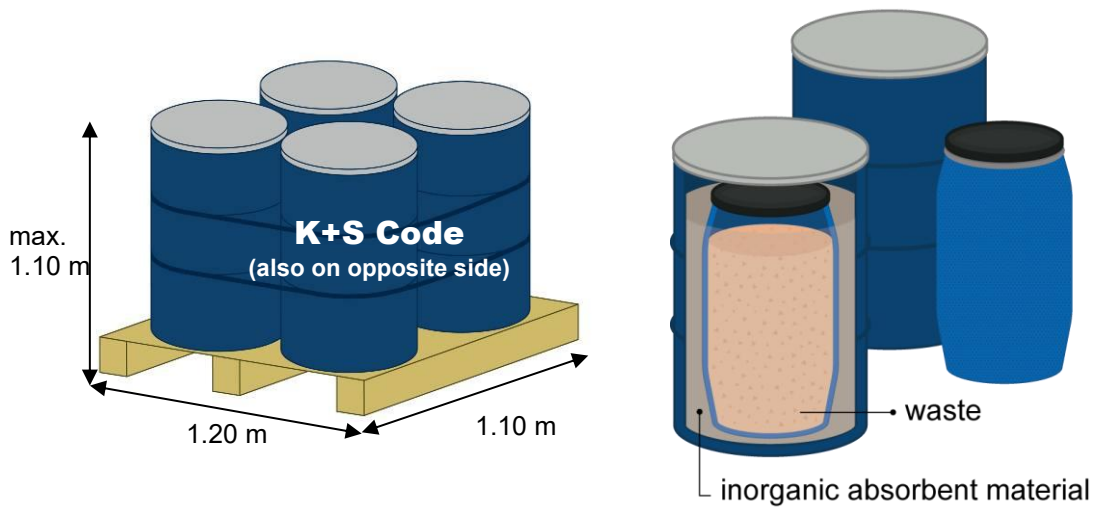
Fax : +49 (6624) 81-1358

- Personal protective equipment such as safety shoes, helmet, safety goggles and high-visibility vest must be carried on the vehicle and worn when entering the site. Mask and gloves must also be carried and worn if necessary.

Acceptance of waste at the UTD

- Each waste delivery is subject to an acceptance control, which verifies the identity of the waste. Processing takes about 30 minutes. The duration of the unloading process depends on the waste properties. The UTD assumes no liability for compliance with specified timeframes.
- **Waste that does not comply with the declaration in the disposal certificate or notification or which is inadequately packed can be rejected.**
- The UTD accepts no liability for damage occurring during unloading – for example, because of the following:
 - incorrectly loaded or slipped pallets/loads,
 - pallets not complying with UTD terms
- an additional load that has not been reported to the unloading personnel.

Steel drum packaging



Drum unit

- Sheet steel drums are accepted only as drum units.
- A drum unit usually consists of 4 sheet steel drums of equal height, each with a capacity of 200 litres, standing on a pallet.
- The drums must be secured above the corrugations using two steel or plastic straps of equal breaking strength, each with a width of at least 25 mm.
- If only one drum is filled, three empty drums must be added.
- The pallet and drums must be undamaged and clean on the outside; the drums must be tightly sealed.
- For the dimensions of the drum unit, see the sketch.

Drums

- 4 sheet steel drums, each with a capacity of approx. 200 litres.
- For waste classified as dangerous goods, only ADR type-approved drums are permitted.
- With PE liner (0.2 mm thick), tightly sealed (exceptions possible for hot-filled waste).
- Or
- With a sealed plastic drum placed inside (120 litres or smaller); the space between the plastic drum and the steel drum must be filled with an inorganic absorbent material. **The plastic drum must have a removable lid without a clamping ring closure.**
- The permissible gross mass per drum must not be exceeded.

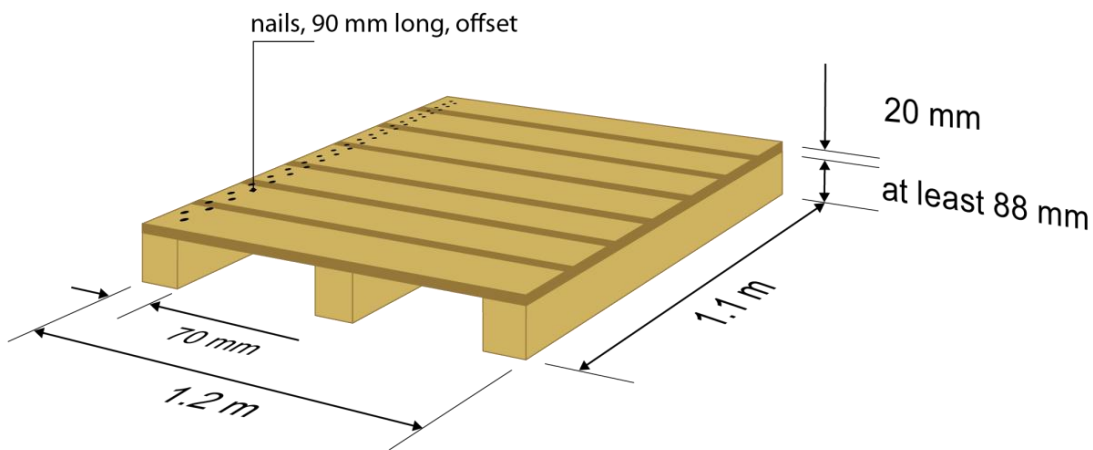
Labelling

- Permanent marking with the 'K+S Code' (no stickers) on every drum (not on the lid).
- Character height: at least 10 cm.
- Visible on the side that the forklift truck picks up.
- Labelling in accordance with the German Regulation on Hazardous substances (GefStoffV) and, where applicable, ADR.

Lid

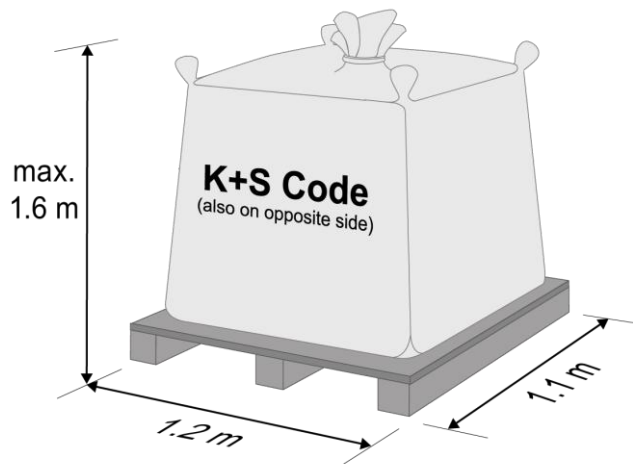
- Removable
- Outward-facing clamping ring closure with safety cotter pin.
- Bung holes are permitted if the closure is made of metal.

UTD pallet HN drum type



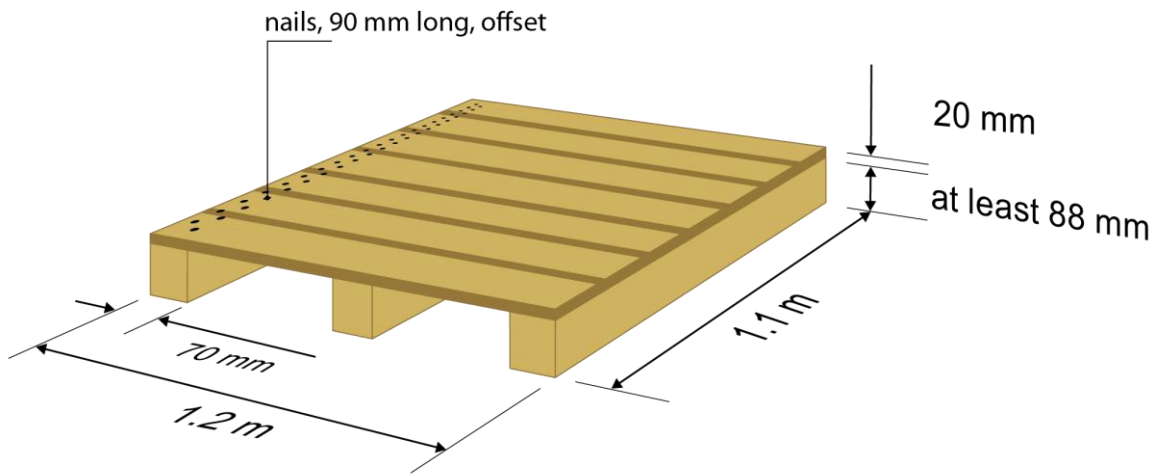
- Max. dimensions (W × L): 1.20 m × 1.10 m
- Material: timber
- Number of stringers: 3
- Height (stringers): min. 88 mm
- Width (stringer): 70 mm
- Length (stringer): 1.1 m
- Deckboards: min. 20 mm thick, without gaps, full-surface planking
- Nails: 90 mm long, offset
- Pallet load capacity: approx. 1,500 kg
- 1.2 m-wide side must be able to be picked up and transported using a forklift truck

Big Bags (IBC-F)



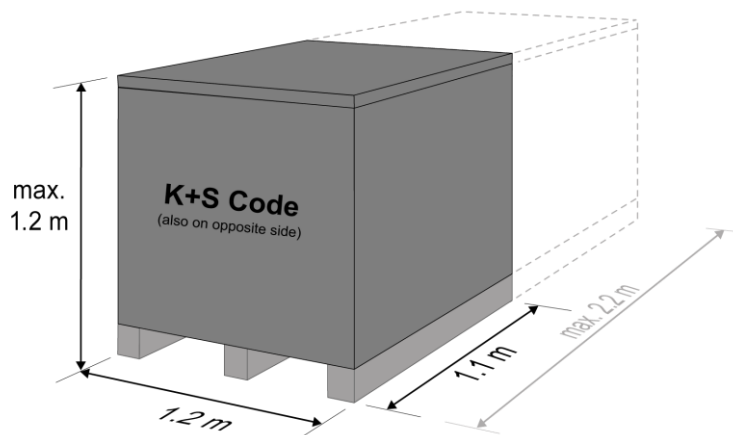
Big Bag design Specifications on the type of construction are made within the framework of the verification/notification procedure. Minimum requirements - 4 lifting loops in the corners. - Closed bottom shape (no bottom opening). - Demonstrably approved for underground use: flame retardant, antistatic, harmless to mining hygiene - Dust-tight (e.g. with seam sealing). - If necessary, two-layer fabric. - Deliveries can only be accepted as a unit (Big Bag on pallet). - The pallet and Big Bags must be undamaged and externally clean; the Big Bags must be securely sealed.	Big Bag filling - Filling must not extend beyond the base dimensions of the pallet. - The Big Bags must be completely filled and maintain a cuboid shape. - For bulk goods only, without pointed, sharp-edged or coarse components (consult the site as part of the verification process if necessary). - Gross weight according to approval but not exceeding 1,500 kg. - Total height including top skirt/pallet: max. 1.60 m. Labelling - Permanent marking with the 'K+S Code' (no stickers) on two opposite sides of the Big Bag. - Character height: at least 10 cm. - Visible on the sides from which the palletized Big Bag is picked up by the forklift truck. - Labelling in accordance with the German Regulation on Hazardous substances (GefStoffV) and/or ADR.
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UTD pallet HN Big Bag type



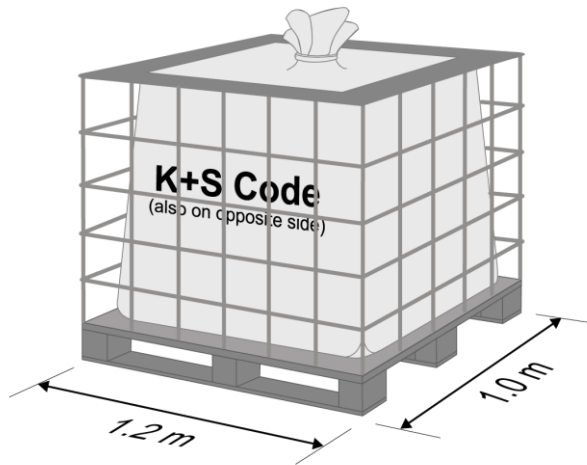
- Max. dimensions (W × L): 1.20 m × 1.10 m
- Material: timber
- Number of stringers: 3
- Height (stringer): min. 88 mm
- Width (stringer): 70 mm
- Length (stringer): 1.10 m
- Deckboards: min. 20 mm thick, without gaps, full-surface planking
- Nails: 90 mm long, offset
- Pallet load capacity: approx. 1,500 kg
- 1.2 m-wide side must be able to be picked up by a forklift truck

Sheet Steel Box (IBC), with and without UN approval



Design and filling	Max. dimensions (W × L × H)
- Closed sheet steel box with an internal PE liner or Big Bag. - Sheet thickness (base + hooded lid) ≥ 1.25 mm. - Material St37. - Gross weight according to approval; max. 3,000 kg. - Lid bolted shut (screwed); a lockable inspection opening is permitted. - 1.2 m-wide side must be able to be picked up by a forklift truck.	- 1.20 m × 1.10 m × 1.20 m - or - 1.20 m × 2.20 m × 1.20 m - Other dimensions on request
- Feet made of steel section for UN-approved containers. - Feet (base) made of steel section or timber for non-UN-approved sheet steel boxes. - Box and base must be undamaged and clean on the outside; the box must be tightly closed. - In special cases, the combination of a non-ADR container with an ADR-approved Big Bag inserted is permitted. The waste-specific packaging requirements are determined as part of the verification/notification procedure.	Labelling - Permanent marking with the 'K+S Code' (no stickers) on two opposite sides. - Character height: at least 10 cm. - Visible on the 1.2 m side from which the palletized steel box is picked up by the forklift truck. - where applicable, labelling in accordance with the German Regulation on Hazardous substances (GefStoffV) and/or ADR.

Packaging requirements – IBC mesh cage system



IBC mesh cage system comprising:

- IBC mesh cage, empty
- UTD Big Bag, internal liner
- Sheet steel frame, mounted on top

Design and filling

- Mesh cage made of welded, galvanised tubular steel frame (round or square tubing).
- Top-mounted sheet-steel frame running around the perimeter to optimise stackability.
- Frame securely fixed, free from sharp edges.
- Mesh cages with a pallet base made of sheet metal, wood or plastic.
- Gross weight: in accordance with the approval, but maximum 1,500 kg.
- Internal F-IBC (UTD Big Bag: flame-retardant, antistatic and safe for use in terms of occupational mining hygiene).
- **Supplied only as a complete system as shown in the above illustration.**

Labelling on the Big Bag (F-IBC)

- Permanent marking with the “K+S code” (no adhesive labels) on the two opposite 1.2 m sides.
- Minimum character height: 10 cm.
- The markings must be visible on the 1.2 m sides that are handled by the forklift truck (it must be possible to unload the truck from the passenger side; the 1.2 m side must face the unloading side).
- Must comply with the German Hazardous Substances Ordinance (GefStoffV) and, where applicable, with ADR.

Dimensions

- Length: 1.2 m, depth: 1.0 m, height: 1.16 m
- Internal height (top edge of pallet to top edge of mesh box): approx. 105 cm
- Other dimensions on request

Mesh cage base

- Pallet base made of sheet metal, wood or plastic.
- Standardised pallet dimensions.
- 1.2 m-wide side designed to be picked up and transported using a standard forklift truck.