

**DESCRIPTIONS OF CONTAINER'S FOR EXTERNAL LOGISTICS TECHNICAL PARAMETERS**

No.	Technical requirement and its description		Description provided by the supplier, parameter values specified
1.	Description of the process	Containers will be used to transport postal parcels and correspondence bags with parcels inside trucks between logistics centres. Parcels and bags will be uploaded into the containers and pushed in or loaded with an electric pallet stacker into truck.	
2.	External dimensions	Length 1200 mm ± 10mm, width 800 mm ± 10mm, height 1950 mm ± 50mm.	<ul style="list-style-type: none"> <li>• length - 1200;</li> <li>• width - 800;</li> <li>• height - 1940 with the wheels</li> </ul>
3.	Container construction	Container frame is made of steel. Transversal reinforcements must be installed if necessary. All welding seams on the product must be polished, rounded and compliant with work safety requirements. Bolts and nuts used for bolted connections must be protected against corrosion. Bolt diameter is min. 8mm. The bolt thread must not come out of the nut. The nuts must be with locking.	<i>Container made of steel. All welding seams and dots are polished for the safe usage. All bolts and nuts used for bolted connections are against corrosion. Screw diameter min. 8mm and max 10 mm. The bolt thread do not stick out of the nut.</i>
4.	Container mesh	Three sides of the container and a roof covered with mesh. The mesh size shall be not smaller than 40 x 40 mm and not larger than 65 x 65mm. Diameter of the mesh wire from 3,8 mm to 5,2 mm.	<i>Wire mesh cell 50x50 and thickness of the wire 3.8mm.</i>
5.	Container door	The narrow (front) side must have two doors mounted one above the other. Doors are fastened with hinges. They must open at an angle of not less than 270°. Doors must have a possibility of locking in the open position.	<i>The container has front wall on the narrow side opening from two part. Doors are fastened with hinges. They open at an angle of not less than 270°. Doors can be fixed to the side of the container with the hinges while opened under 270°.</i>
6.	Closing mechanism of the container doors with a locking	Container doors must have closing mechanisms with a locking against unexpected opening of the doors, which ensure the safe transport of consignments.	<i>The locking mechanism protects doors from opening while movement and secure the consignments from falling out from the container.</i>

7.	Container lock protection	The locking mechanism of the container shall be protected against the damage that may occur when loading the containers close to each other	
8.	Container floor panel (bottom)	<p>The bottom of the container is made of a moisture-resistant plywood panel, covered with a surface layer, or of material of analogous or better characteristics. Panel thickness must be not less than 12 mm. The bottom must withstand a load of at least 500 kg. Transversal reinforcements of the bottom must be installed if necessary.</p> <p>The bottom panel must be fastened with at least M5 bolts and nuts with locking. The screw head must be inserted into the panel.</p>	<p><i>The bottom is made of steel frame and has a plywood on its top. The plywood thickness 12 mm. The load on the base is 500 kg.</i></p> <p><i>The bottom panel will be fastened with M5 bolts and nuts with locking. The screw head will be inserted into the panel</i></p>
9.	Container wheels	<p>4 units total. Rear wheels (from the door side) equipped with brakes and bearings and their hub must rotate 360 ° about its axis on the bearing. The front wheels are fixed, equipped with bearings, mounted into the corners of the bottom front. Fixed wheels are mounted in such a way that the direction of rolling is perpendicular to the plane of the closed door. The wheels and brake locking mechanism shall not come out of the dimensions of container.</p> <p>Container wheels must conform to these parameters:</p> <ul style="list-style-type: none"> <li>• Diameter: 150 mm.</li> <li>• Wheel centre: Aluminium.</li> <li>• Wheel tread: Polyurethane, brown.</li> <li>• Bearing: Double Ball bearing.</li> <li>• Hub width: 60 mm.</li> <li>• Axle diameter: M12.</li> <li>• Temperature range: -20°C - +60°C (if the suggested values are wider but fall within the required range, the Goods are considered suitable)</li> <li>• Dynamic loading: not less than 400 kg.</li> </ul>	<p><i>The wheels are 150 mm aluminum Polyurethane 92° Shore A brown color two fixed and two swivel with breaks. Dynamic load per wheel is 400 kg. Common load capacity per set is 1200 kg.</i></p> <p><i>NB: As of today all qualified wheels</i></p>
10.	Container transportation	It shall be possible to load the container onto the truck, both using the chassis of the container itself and by loading it with	<i>Container can be lifted with the electric forklift.</i>

		the electric pallet stacker. The bottom of the container shall be reinforced and adapted for lifting by the electric pallet stacker from all four sides of the container.	
11.	Container dynamic load	Not less than 500kg.	<i>500 kg</i>
12.	Label holder	The metal plate for the label holder must be affixed to the upper door. The size of the plate shall be not less than 220 x H150 mm.	<i>Label holder 220x150 mm</i>
13.	Container coating	Containers must be galvanized.	<i>Containers galvanized, type of covering – electroplating, thickness of Zinc 8-15 micron</i>