

- > UN certification 4D - 4DV
- > According to ADR, RID, ADN, IMDG and ICAO / IATA regulations
- > Certified without nails, screws and strapping
- > Closure with own tongue / no band needed
- > Manually assembled in 120 seconds
- > According to international phytosanitary norm ISPM-15 FAO
- > 6 sizes always on stock
- > On request, customer-specific approvals



e-un

safe shipping pack



Transport according to dangerous goods regulations

The **E-un** crates are folding crates made of plywood and **ONU 4D** and **4DV** approved for the shipment of dangerous goods in compliance with ADR, RID, ADN, IMDG and ICAO / IATA regulations. Our **ONU 4D** and **4DV** cases do not require straps, nails, screws or other additional systems for their closure. Depending on the type of homologation that will be used (**4D** or **4DV**) the preparation conditions must be respected as indicated in the test report. The E-un **ONU 4D** and **4DV** crates are in accordance with ISPM 15.



Approved for all modes of transport



Crates suitable for transport:

By road ADR
By rail RID
Inland navigation ADN
By sea IMDG
By air IATA



*No nail, no rivet gun
nor band is required*



User friendly, competitive and safe

Thanks to its features and design, **E-un** fulfill the safety requirements of working regulations by allowing opening and closing operation in any working environment, this without any need of nailing systems and without restrictions, making E-un cost-effective and practical.



UN 4DV approved with vermiculite

When used as **4DV** crate vermiculite should be used as an absorbent and padding material. Check that the vermiculite you want to use is free of asbestos.



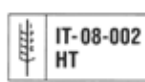
Different usage options

The UN certified **4D** crates can only be used with the specific internal packaging with which they have been tested and approved by the UN. The UN certified **4DV** boxes are suitable for the shipment of internal objects or packaging of any type for solid or liquid materials, belonging to packing groups I, II, III.



Pos	Int. Measurement LxWxH mm			Ext. Measurement LxWxH mm			Weight Kg	Palletizing	Gross weight of inner packaging* Max Kg	Crate gross weight ready for shipment Kg	Minimum distance between materials and / or walls / bottom / cover	UN 4DV Approval	UN 4D Approval
1	400	300	260	420	320	323	4,32	2 VIE - 2 x 48/48	9,60	18,20	46 mm	4DV/X18.2/S	4D/X27.8/S
2	580	380	380	600	400	443	8,00	2 VIE - 3 x 48/48	22,80	40,30	63 mm	4DV/X40.3/S	4D/X63.1/S
3	780	580	380	800	600	490	13,72	2 VIE - 3 x 50/95	30,60	68,40	79 mm	4DV/X68.4/S	4D/X99/S
4	780	580	580	800	600	690	16,20	2 VIE - 3 x 50/95	61,20	104,80	79 mm	4DV/X104.8/S	4D/X166/S
5	1180	780	580	1200	800	720	33,00	4 VIE	89,20	190,70	90 mm	4DV/X190.7/S	4D/X280/S
6	1180	780	780	1200	800	920	35,10	4 VIE	122,40	229,60	108 mm	4DV/X229.6/S	4D/X352/S

* Inner packagings do not require approval marking



Sizes always available in stock