

SPECIFIC PROCESSING CONDITIONS

ECO-FLOOR

Scope of these processing conditions

Type numbers: 1599.000 – 1899.000 – 2599.000 – ECO.000 – ECO.000EA – ECO.000PM – ECOKLEP.000 – INSERT85 – INSERT42 – ECOKLEP85 – ECOKLEP42

Combination floor

The ECO-Floor is a combination floor consisting of a ECO-Slat type 1599.000, type 1899.000 or type 2599.000 and rubbers type ECO.000. Plastic emission reduction valves are optionally used underneath the rubbers.

Part 1: ECO-Slat

The ECO-Slats may not be placed one against another during installation. Rubbers must be used as spacers between each ECO-Slat so that the ECO-Slats are placed at the correct distance from each other. If the rubbers are not used when placing the ECO-Slats, the rubbers and the plastic emission reduction valves will not fit.

ECO-Slats type 1599.000 and type 1899.000 are identical concrete products, the only difference is the applied reinforcement. You can recognize the difference between the two goods by the product label. In addition, goods of type 1899,000 are marked with a yellow coloured tooth.

Width-shortened ECO-Slats type 1899.000 with at least 3 remaining main beams can be driven under strict conditions, namely a maximum of 3 tons axle load (axle distance 120 cm, wheel base 180 cm, wheel print 300 x 400 mm). During construction, residues may remain on the floor. Before installing the rubbers and the optional plastic emission reduction valves, you must thoroughly clean the ECO-Slats. For proper functioning and service life the support on which the rubbers are placed must be flat and free of mortar residues and other contamination.

Part 2: Plastic emission reduction valves (if applicable)

The plastic emission reduction valves must be kept free from rain and wind in order not to damage the packaging and therefore the goods. The plastic emission reduction valves are placed before the rubbers. The plastic emission reduction valves must not come into contact with alcohol-based detergents or corrosive products, as well as oil, gasoline, other petroleum derivatives and an acidic environment.

Part 3: Rubbers (Mandatory part)

The rubbers are delivered packed and protected by a plastic film. To avoid overheating with possible damage, these goods should be stored out of sunlight at a temperature below 40° Celsius. The rubbers must be stored on a flat surface. The rubbers must not come into contact with detergents based on alcohol or corrosive products, as well as oil, petrol, other petroleum derivatives and an acidic environment.

Cleaning the ECO-Floor

For optimal purity and manure passage, the ECO-Floor must be cleaned at least 12 times a day by a dung-cleaning robot or a fixed dung scraper. The floor should always be moistened just before cleaning. The ECO-Floor must always be cleaned perpendicular to the slots. The purity of the ECO-Floor is strongly influenced by various company-dependent parameters. Anders Beton recommends using no more than 5.50 m² ECO-Floor for each present cow. Different types of cubicle filling are used. Litter based on lime and coarse structures can limit the manure passage. In some European countries there are specific conditions for cleaning (including sliding frequency). This can be found in the system description of that country and may be stricter than what is described above due to ammonia emission reduction.