

IKADAN ULTRAFLEX SLATTED FLOORING SYSTEM

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Drained floors are the system of the future. Very many different requirements are made on flooring with purpose to achieve non-slip safety surface, decrease risk of injury, obtain the correct temperature and effective cleaning on the pig farms. In comparison to many other materials, plastic has proved its ability to withstand the aggressive environments of pig housing units. Ikadan Ultraflex is an extremely flexible system in which plastic or cast-iron modules can be combined at will. This provides countless possibilities, irrespective of the type of production. It is also easy to replace the slatted flooring if production is altered and worn modules can be replaced without the entire floor having to be replaced. This solution also allows the floor to be rebuilt or modified should new requirements or wishes arise regarding floor and pen design.



In recent years, it has been customary in Denmark to cast a concrete bed and drain the rear part of the pen. This design is, however, not without problems as it is difficult to cast a floor which is capable of withstanding the strain of everyday use and cleaning. Much of floor design today is thus not based on operational

benefits but solely on how the building company can most practically, quickly and efficiently cast a concrete floor. We use cast iron where the load is greatest – and where sows are to have a cool, non-slip surface to stand on. Cast iron slats are produced with or without non-slip edges. Slatted floors without non-slip edges are ideal for sow forelegs, and



provide comfortable support without risk of shoulder injury. Slatted floors with non-slip edges are ideal for hind legs, providing stable support and ensuring that sows do not become stressed and frightened of standing up. If this happens, sows drink less and produce less milk. Cast iron and plastic provides different temperatures for sows and piglets. The combination of plastic and cast iron provides a pleasant environment for both sows and piglets. Ikadan offers a raised cast iron module for use in farrowing pens.



Thanks to the finish of the cast iron flooring, sows have a surface to lie on which is both cool and non-slip. Piglets are farrowed on the warm plastic floor, with greatly reduced risk of injury. The raised floor gives good access to piglets when they are nursing. Since it is raised only under the sow, they are able to run unhindered in front of and behind the sow. In addition, because the sow lies on a raised floor, the risk of piglets being crushed is reduced. The system can be used in both parallel and diagonal pens. Different apertures give many possibilities. Optimum manure fall-through is ensured by the correct size of aperture in Ultraflex modules and the triangular slat cross-section that prevents clogging. At the same time, the form and surface of the slats ensures easy and problem-free cleaning. Ikadan Ultraflex slats are made of only first-class raw materials, to achieve the greatest possible durability.