

Installation Guide

STAKKAbOX ULTIMA Connect Duct Entry Drilling Guidelines



The following are technical allowances and guidelines for duct entry drilling in ULTIMA Connect chambers. For any queries or requirements not covered please contact the NAL Technical Department.

The accumulative diameter of all of the ducts should not constitute more than 50% of the total ring section.



$$\left(\frac{\text{Calculation}}{\text{(Length x 2) + (width x 2)}} \right) \times 100$$

[Number of ducts] x duct diameter

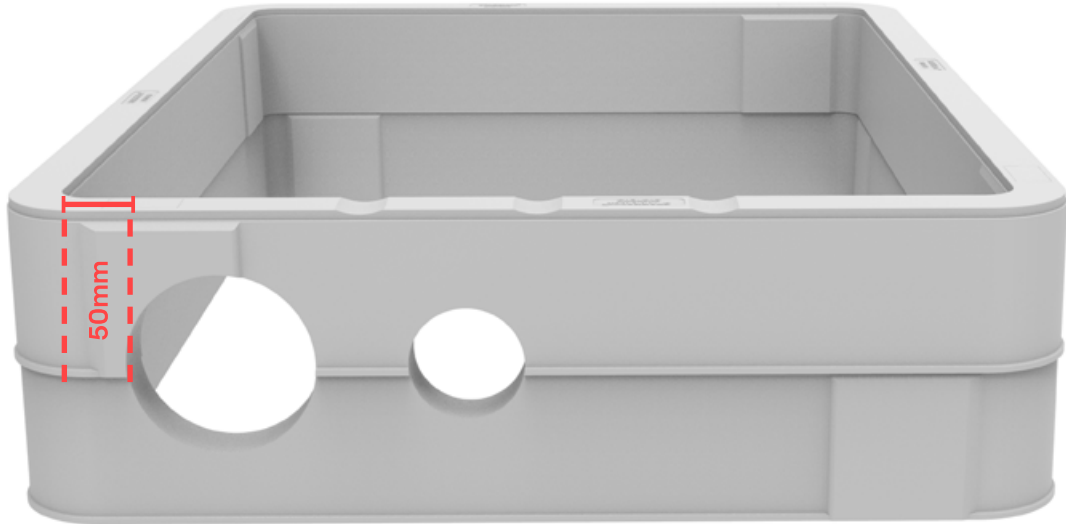
If the ducts amount to more than 30% of a ring section, an **undrilled ring** must be included above it.

The bottom ring and top two rings must remain undrilled always.

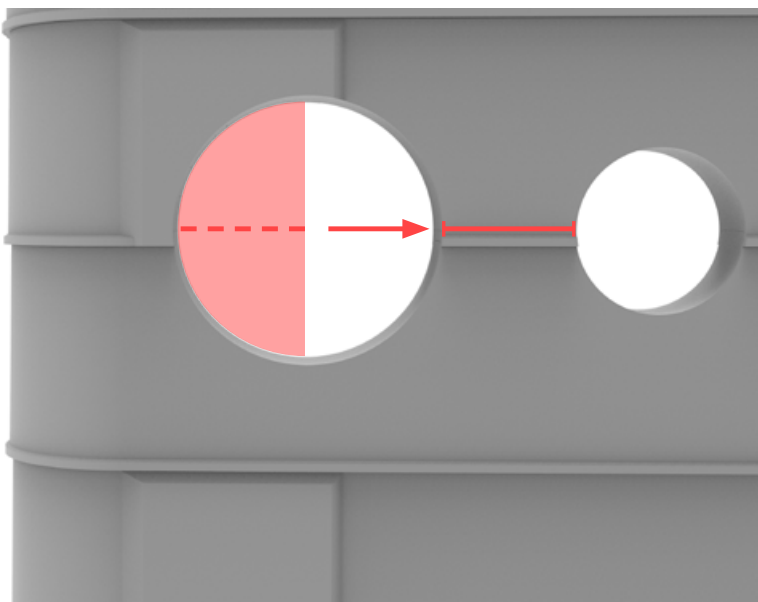


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Ducts can be drilled a minimum of **50mm** from the inside edge of the chamber.



When drilling two duct entries side by side, **a space half the diameter of the larger duct** must be left between them.



$$\left(\begin{array}{c} \text{Calculation} \\ \frac{\text{Larger diameter}}{2} \end{array} \right)$$