

From theoretical coverage to a purchase estimate

Keep coverage, consumption, coat count and purchasing units consistent.

When to use this

For early material planning and a clearer quantity enquiry.

Key points

- Check whether the unit is $\text{m}^2/\text{L}/\text{coat}$ or kg/m^2 .
- Include the number of coats in the calculation.
- Confirm practical consumption and packaging before ordering.

Read the unit first

Coverage expressed in $\text{m}^2/\text{L}/\text{coat}$ is an area covered by one litre in one coat. Consumption expressed in kg/m^2 is a mass per area. Do not interchange litres and kilograms without a confirmed product density.

Calculate on a consistent basis

For coverage in $\text{m}^2/\text{L}/\text{coat}$, theoretical litres = area $\times$ number of coats $\div$ coverage. If consumption is given per coat, multiply by coat count; if it is stated for the full system, do not count the coats again.

Confirm the purchase quantity

Theoretical values do not include every site loss. Substrate absorption, texture and application method can affect practical use. Share the area, substrate, desired finish and packaging requirements with the technical team before fixing the purchase quantity.

Source and scope

Editorial learning guide based on ARCHORA Product Manual V3 (2026-07-09) and the document types described in this resource library. Quantity formulas are arithmetic planning aids.