

How much adhesive will I need?

Calculating Volume of Adhesive Required

To calculate approximately how much material is required, try using the following calculation:

$$\text{Bondline thickness (mm)} \times \text{Total surface area of bondline (m}^2\text{)} \\ = \text{Volume of adhesive required (L)}$$

Bondline thickness can range from 0.05mm for a very thin adhesive, right up to 0.40mm for a thick material, or more where there is gap filling required. If in doubt, use 0.20mm, which will be a safe compromise for many applications.

As a rough guide, this table shows approximately how much area can be covered by 1 litre of material, depending on the size of the bondline:

Bondline thickness (mm)	Theoretical surface area covered by 1L of material (m ²)
0.05	20
0.15	7
0.20	5
0.25	4
0.40	2.5