

Between the primary walls of adjacent cells is a middle lamella : a thin layer with sticky polysaccharides called pectins that glues cells together.

When a plant cell stops growing, it strengthens its wall by adding a secondary cell wall between the plasma membrane and the primary wall.

The secondary wall may be deposited in several layers. It has a strong and durable matrix that provides support and protection.
(Wood consists mainly of secondary walls.)

Plant cell walls are perforated by channels between adjacent cells called plasmodesmata.

plants have a intricate defense system.

Preview from Notesale.co.uk
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