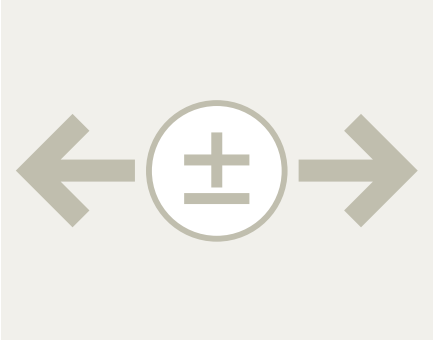
Tolerances

The following production tolerances are to be taken into consideration



- Quantity tolerance for paper
  ± 3% however a minimum of ± 5 sheets per sales unit
- Quantity tolerance for board materials, corrugated board
  ± 3%
- Quantity tolerance for enclosures, folders, boxes
  ± 8%
- Weight (grammage) tolerance
  ± 7%
- Thickness (caliper) tolerances
  Paper and board up to 300 gsm ± 10%, board > 300 gsm ± 5%, corrugated board ± 8%
- Dimensional tolerances for paper and board material
  Sizes (formats) with plus tolerance – max. ± 7 mm
  Cutting tolerance 4-sided angular cut ± 2 mm
- Dimensional tolerance for corrugated board
  Cutting tolerance ± 3 mm
- Dimensional tolerance for honeycomb panels
  Cutting tolerance ± 5 mm
- Dimensional tolerances for reeled paper
  Roll width ± 5 mm, running metres ± 3%
- Dimensional tolerance for enclosures, folders, boxes
  Plus tolerance up to 5%
- Dimensional tolerances for envelope enclosures
  Angle tolerance ± 2 mm, format (size) tolerance ± 3 mm
- Dimensional tolerances for tubes
  Diameter and tube wall thickness ± 0.3 mm, lengths ± 10 mm
- Perpendicularity tolerances for cuttings with 4-sided angular cut
  Angle tolerance 0.6% however a minimum of 3 mm over a length of 1 meter
- Planarity tolerance for corrugated board
  Planarity (flatness) tolerance ± 15 mm for 1 m length
- Spots (fibre residues and pulp impurities)
  Spots up to a size of 0.4 mm are considered insignificant.
  Spots up to 0.9 mm are acceptable, provided they do not exceed a maximum of two spots per m^2 in accordance with the mounting board standard.
- pH tolerances
  ± 0,5 variation on the pH scale (pH 7.0 ; pH 6.5 and 7.5 also permitted)

Deviating tolerances are to be agreed upon separately.

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