

Satin/Satin fill/Ceeding/Piping

A satin stitch is generally used for:

Borders around shapes or applique

Filling lettering with a bar width of approximately 10mm or less

Filling a shape with a bar width of approximately 10mm or less

Satin ceding and zig zag will place stitches at a given length and are used in place of a normal satin stitch, where a satin stitch can't be used because of its size.

Normal: This will cause the outlines/shape to be stitched with a normal version of the stitch type.

Zigzag: This is a variation of satin. Any outlines that have this effect assigned to them will have a zigzag stitch

Ceeding: This is a variation of satin stitch. Any outlines assigned this effect will have a ceding stitch applied. This stitch will follow the direction, curves etc of the digitised design but will place stitches like a fill stitch. This effect can be used if an area is too wide to be stitched in a normal/zigzag stitch.

Piping: This is a variation of satin. Any outlines assigned this effect will be stitched with a series of parallel running lines.

Pitch: Value represents the density of stitching in mm. Standard pitch for 100% rayon embroidery thread is 0.4mm. Increasing this value would cause less stitches to be generated which would be appropriate for lighter fabric or thicker thread. Decreasing the value would increase the number of stitches and would be suitable for unstable or very dense fabric e.g. towelling

Corners: Ticking this option on will cause mitred corners to be stitched, unticked will stitch blended corners

Short/longs: Ticking this option will generate short and long stitches

Comp: All embroidery will tend to pull in, adding a compensation value will counteract this. Can be inputted in % or mm, if inputted in % the value will be based on the width of the original outlines

Length: Value represents any running line branches that may have been input when using the super satin branching tool. Will also apply to any running line that is generated when using the two colour satin text option

U-turns: Represents the amount of times a running stitch branch input will be embroidered. Will also apply to any running line that is generated when using the two colour satin text option

Ceeding/Piping: If the satin mode of ceeding or piping has been chosen then these effects will be available for editing. The stitch length and pattern offset

can be changed appropriately. If the random ceeding length option is ticked then a random ceeding effect will occur

Half pitch compensation: Ticked on...stitching will stop short of the end of the outline to allow for real thickness of thread

Square: Ticked on... a satin stitch will be squared off

Folds: Ticked on...fold stitching occurs to improve stitch quality, un-ticked overlapping stitches are generated on folds,

Sharp corner limit: To apply this feature the corner feature must be ticked. Determines the type of stitching that will generate of sharp corners

Short long ratio: To apply this feature the short/long feature must be ticked. The value will determine whether short/long stitches need to be generated on any outline within the design. By increasing the value short and long stitches will be generated more often

Corner overlap: Allows the overlapping of stitches on a mitre corner to be controlled. The value has a range of 0%-40%

Random edges: Effect can be applied to both sides of the satin stitch to produce a random effect. The closer the value to 100% the less random the stitches will be

Variable pitch min + max: Varies the pitch of a stain stitch. In general the narrower the outline the wider the pitch can be, giving a better quality result

Accodian settings pitch and range:

Pitch: This is the target pitch of the variation, in this case the pitch will vary from the original pitch of 0.35mm to the second pitch of 1mm

Range: This specifies over how many stitches the variation will take place

Edit lock stitches: Selecting this option allows the satin lock stitches to be customised

Edit block vectors: Allows any block vector patterns to be edited when assigned to a satin stitch

Satin underlay settings: 10 underlays are available...tacking is the lowest. Different fabrics may require different settings, light fabrics require less underlay and more unstable fabrics may require a higher underlay option