

## The RealBristle Palette

The RealBristle palette contains the following settings:

**Brush Tip Profile** - based on the profiles of traditional artist brushes, this setting affects the shape of the brushstroke and density distribution. For general information about brush tip profiles, see [Size Controls](#).



The RealBristle palette lets you choose a brush tip profile.

**Roundness** - lets you control the rounding along the width of the brush and overall shape of the brush. With a round brush, lower values flatten the brush to create an elliptical shape (can be flattened to a minimum thickness of 10% of the diameter). With a flat brush, lower values create a brush with more angular corners (90 degree edges as opposed to rounded edges).



The brush on the left approximates the rounded edges created by a flat brush with a Roundness setting of 100%; the brush on the right approximates a round brush with a Roundness setting of 100%.

**Bristle Length** - lets you control the length of the bristles, from the end of the ferrule to the tip of the brush. The Bristle Length is calculated by multiplying the Brush Size value by the Bristle Length value you choose. For example, if your Brush Size setting is 20, and your Bristle Length setting is 2, the length of the bristles is 40.



The brush on the left approximates a brush with a Bristle Length setting of 1; the brush on the right approximates a brush with a setting of 2.

**Profile Length** - lets you control the length of the profile as a percentage of the overall length of the bristles.



Although quite different in shape, both brushes have a Profile Length of approximately 50%.

**Bristle Rigidity** - lets you control the flexibility of the bristles. Lower values create a more flexible brush, similar to a sable hair brush; higher values create a more rigid brush, similar to a hog hair brush.



The brush on the left approximates a Bristle Rigidity setting of approximately 90%; the brush on the right approximates a setting of approximately 30%.

**Fanning** - lets you control how the bristles spread out from the ferrule. Lower values keep the bristles closer together, creating a more pointed tip; higher values spread the bristles out.



The brush on the left represents a Fanning setting of 100%; the brush on the right represents a setting of 0%.

**Friction** - lets you control how smoothly the bristles move across the canvas. This setting works in conjunction with the Rigidity setting. Lower values produce smoother strokes; higher values produce more textured, splayed brushstrokes.

**Height** - lets you control the minimum distance between the ferrule and the canvas. Higher values let you paint with the tip of the brush only; lower values let you compress the bristles against the canvas, causing the bristles to splay in different directions.



The brush on the left represents a Height setting of 100%; the brush on the right represents a height setting of 50%.

To open the RealBristle palette

- Choose Window menu > Brush Controls > RealBristle.

To customize a RealBristle brush variant

- 1 On the Brush Selector bar, choose RealBristle from the Brush Category selector.
- 2 Choose a variant from the Brush Variant selector.
- 3 Choose Window menu > Brush Controls > RealBristle.  
Ensure the Enable RealBristle check box is enabled.
- 4 Click the brush tip profile that you want to use.
- 5 Adjust any of the Brush sliders.
- 6 Adjust any of the Surface sliders.

