

C O N S T A N T I N E S P F 4 0 ™

SPF (**S**tain **P**rotection **F**ormula) 40™ is a proprietary finish developed by Constantine that is applied to carpet to enhance the carpet performance characteristics. Once applied, it enhances bleach resistance, stain resistance, soil release, oil and water repellency, ozone protection, lightfastness, and colorfastness.

SPF 40™ is designed to protect the carpet's appearance under the most demanding conditions and extend the life of the carpet.

How is it applied?

SPF 40™ is a polymer finish that is applied to the carpet after tufting and dyeing. The entire carpet is run through an oven to heatset or cure the treatment, which forms a shield to protect the fiber. After it has been heatset, SPF 40™ is nearly impermeable and will not be damaged by steam or chemical cleanings.

Are there any environmental benefits?

SPF 40™ is manufactured primarily from recycled plastic drink bottles. In its finished form, SPF 40™ contains 75% post-consumer recycled content. Carpets finished with SPF 40™ stay attractive longer, ultimately resulting in less necessary new carpet.

SPF 40 improves:

- ***Bleach resistance*** – exposed for up to 24 hours with no noticeable discoloration.
- ***Ozone Protection*** – tested for up to 5 cycles of ozone exposure with excellent results in all cases.
- ***Lightfastness*** - Standard AATCC 40 and 60 hour tests with excellent results in both cases.
- ***Soil Release*** – Standard AATCC soil release tests resulted in excellent cleanability performance.
- ***Stain*** – Standard AATCC stain tests resulted in the highest possible score.

Carpet treated with SPF 40™ requires no special maintenance or carpet cleaning requirements as long as industry accepted cleaning methods are used. (See Constantine Maintenance Procedures). SPF 40™ is bleach resistant. However, bleach is not recommended as a carpet cleaner, stain remover or disinfectant. Bleach will degrade the nylon.

SPF 40™ is an enhancement that can be applied to any Constantine carpets – ultimately giving more choices, in color and styling, where solution-dyed performance is required.

Constantine offers a full warranty to match solution-dyed warranties on our SPF 40™ treated products. (*See Constantine SPF 40™ Warranty for details*)

