### ST\_Shd (Shading Patterns)

This simple [type](type.docx) specifies the pattern which shall be used to lay the pattern [color](color.docx) over the [background](background.docx) [color](color.docx) for a shading.

This pattern consists of a mask which is applied over the [background](background.docx) shading [color](color.docx) to get the locations where the pattern [color](color.docx) should be shown. Each of these possible masks are shown in the enumeration values located below. In each example, black has been used as the fill [color](color.docx), and white has been used as the pattern color.

[Example: Consider a shaded paragraph which uses a 10 percent foreground fill, resulting in the following WordprocessingML:

<w:[shd](shd.docx) w:val="pct10" .../>

This shading val is pct10, indicating that the border style is a 10 percent foreground fill mask. end example]

This simple type's contents are a restriction of the [XML](XML.docx) Schema string datatype.

The following are possible enumeration values for this type:

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| Enumeration Value | Description |
| clear (No Pattern) | Specifies that there shall be no pattern used on the current shaded region (i.e. the pattern shall be a complete fill with the [background](background.docx) color), as follows: |
| diagCross (Diagonal Cross Pattern) | Specifies that the pattern used on the current shaded region shall be a series of diagonal crosses, as follows: |
| diagStripe (Diagonal Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of diagonal stripes, as follows: |
| horzCross (Horizontal Cross Pattern) | Specifies that the pattern used on the current shaded region shall be a series of horizontal crosses, as follows: |
| horzStripe (Horizontal Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of horizontal stripes, as follows: |
| nil (No Pattern) | Specifies that there shall be no pattern used on the current shaded region (i.e. the pattern shall be a complete fill with the [background](background.docx) color), as follows: |
| pct10 (10% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 10% fill pattern, as follows: |
| pct12 (12.5% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 12.5% fill pattern, as follows: |
| pct15 (15% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 15% fill pattern, as follows: |
| pct20 (20% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 20% fill pattern, as follows: |
| pct25 (25% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 25% fill pattern, as follows: |
| pct30 (30% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 30% fill pattern, as follows: |
| pct35 (35% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 35% fill pattern, as follows: |
| pct37 (37.5% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 37.5% fill pattern, as follows: |
| pct40 (40% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 40% fill pattern, as follows: |
| pct45 (45% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 45% fill pattern, as follows: |
| pct5 (5% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 5% fill pattern, as follows: |
| pct50 (50% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 50% fill pattern, as follows: |
| pct55 (55% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 55% fill pattern, as follows: |
| pct60 (60% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 60% fill pattern, as follows: |
| pct62 (62.5% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 62.5% fill pattern, as follows: |
| pct65 (65% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 65% fill pattern, as follows: |
| pct70 (70% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 70% fill pattern, as follows: |
| pct75 (75% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 75% fill pattern, as follows: |
| pct80 (80% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 80% fill pattern, as follows: |
| pct85 (85% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 85% fill pattern, as follows: |
| pct87 (87.5% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 87.5% fill pattern, as follows: |
| pct90 (90% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 90% fill pattern, as follows: |
| pct95 (95% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 95% fill pattern, as follows: |
| reverseDiagStripe (Reverse Diagonal Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of reverse diagonal stripes, as follows: |
| solid (100% Fill Pattern) | Specifies that the pattern used for the current shaded region shall be a 100% fill pattern, as follows: |
| thinDiagCross (Thin Diagonal Cross Pattern) | Specifies that the pattern used on the current shaded region shall be a series of thin diagonal crosses, as follows: |
| thinDiagStripe (Thin Diagonal Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of thin diagonal stripes, as follows: |
| thinHorzCross (Thin Horizontal Cross Pattern) | Specifies that the pattern used on the current shaded region shall be a series of thin horizontal crosses, as follows: |
| thinHorzStripe (Thin Horizontal Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of thin horizontal stripes, as follows: |
| thinReverseDiagStripe (Thin Reverse Diagonal Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of thin reverse diagonal stripes, as follows: |
| thinVertStripe (Thin Vertical Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of thin vertical stripes, as follows: |
| vertStripe (Vertical Stripe Pattern) | Specifies that the pattern used on the current shaded region shall be a series of vertical stripes, as follows: |

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| Referenced By |
| shd@val (§); shd@val (§); shd@val (§); shd@val (§); shd@val (§) |

The following [XML](XML.docx) Schema fragment defines the contents of this simple type:

<simpleType [name](name.docx)="ST\_Shd">

<restriction base="xsd:string">

<enumeration value="nil"/>

<enumeration value="clear"/>

<enumeration value="solid"/>

<enumeration value="horzStripe"/>

<enumeration value="vertStripe"/>

<enumeration value="reverseDiagStripe"/>

<enumeration value="diagStripe"/>

<enumeration value="horzCross"/>

<enumeration value="diagCross"/>

<enumeration value="thinHorzStripe"/>

<enumeration value="thinVertStripe"/>

<enumeration value="thinReverseDiagStripe"/>

<enumeration value="thinDiagStripe"/>

<enumeration value="thinHorzCross"/>

<enumeration value="thinDiagCross"/>

<enumeration value="pct5"/>

<enumeration value="pct10"/>

<enumeration value="pct12"/>

<enumeration value="pct15"/>

<enumeration value="pct20"/>

<enumeration value="pct25"/>

<enumeration value="pct30"/>

<enumeration value="pct35"/>

<enumeration value="pct37"/>

<enumeration value="pct40"/>

<enumeration value="pct45"/>

<enumeration value="pct50"/>

<enumeration value="pct55"/>

<enumeration value="pct60"/>

<enumeration value="pct62"/>

<enumeration value="pct65"/>

<enumeration value="pct70"/>

<enumeration value="pct75"/>

<enumeration value="pct80"/>

<enumeration value="pct85"/>

<enumeration value="pct87"/>

<enumeration value="pct90"/>

<enumeration value="pct95"/>

</restriction>

</simpleType>