

# EXPECTED IMPLEMENTATION JULY 2007

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## 527 DETECTABLE WARNINGS ON WALKING SURFACES-MATERIALS. (REV 2-16-07) (FA 3-9-07) (7-07)

SUBARTICLE 527-2.2 (Pages 598 and 599) is deleted and the following substituted:

**527-2.2 Material Properties:** Provide Detectable Warnings that meet the following minimum material property requirements when tested in accordance with the indicated Standard.

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PROPERTY	STANDARD	MINIMUM THRESHOLD
Slip Resistance	ASTM C1028, F609, F1677, F1678, F1679; E303	Dry Coefficient of Friction – 0.8 min. and Wet Coefficient of Friction – 0.65 min.; Or 35 BPN (include recessed areas between truncated domes)
Wear Resistance	ASTM C501	Average wear depth on dome $\leq 0.030$ " after 1000 abrasion cycles.
Water Absorption <sup>1</sup>	ASTM D570	Not to exceed 5%.
Adhesion/Bond Strength	ASTM C482	No adhesion failure
Fade (UV) Resistance	ASTM G151/G154	$\Delta E \leq 3$ after 2000 hrs.
Non-Hazardous Classification	RCRA Subtitle C	Non-Hazardous

<sup>1</sup> Applies only to pavers and tiles consisting of concrete materials.

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