



INDIAN RIVER COUNTY/CITY OF VERO BEACH
BUILDING DIVISION
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Informational Bulletin

From: Scott McAdam, CBO, MCP, Building Official
To: All Permit Applicants
Date: 06/27/16
Subject: Residential slip resistant walking surfaces

Effective Date: Permits applied for on or after June 1, 2016

Implementation: Already required, work towards including details on plans, field installations may need details or revised details in order to obtain compliance and approved inspection

Code Section:

FBC, Residential R4501.6

R4501.6.1 Conformance standard.

Design, construction and workmanship shall be in conformity with the requirements of ANSI/NSPI 3; ANSI/APSP/ICC 4; ANSI/ APSP/ ICC 5; ANSI/ APSP/ICC 6; and ANSI/APSP 7.

ANSI/ APSP/ ICC 5

6.1.5 All treads shall have slip-resisting surfaces.

7.1.2 All deck surfaces, when provided, shall be of slip resisting materials, including, but not limited to, special deck features such as markers and brand insignias.

8.1 Surfaces – The surfaces within the pool intended to provide footing for bathers shall be designed of slip-resisting materials.

Compliance issues and required information:

1. All tread surfaces must be slip resistant, nosing is part of the tread, including nosing marking tile. The maximum non-slip resistant nosing tile allowed is the typical so-called mud cap that has a $\frac{3}{4}$ inch radius (the $\frac{3}{4}$ inch side located on the tread not the longer 2-inch side). This simple nosing marking tile is the maximum size tile nosing radius that will be approved without being slip resistant, deemed to comply. Any other tile or mosaic on the tread and nosing must be slip resistant.
2. We are starting to see more elaborate designs and manufactures pushing catalogs full of non-slip resistant tiles, mosaics, logos, etc. and promoting the use of them on stair treads and other walking surfaces. Be aware they don't comply.
3. We do approve treads being marked for safety but it is not required.
4. We also know that many pool contractors often send their tile to companies that treat them to be slip resistant.
5. Proposals for non-slip resistant tile design may be reviewed on a case by case basis. Plans must include full details of design including layout, location, sizes, manufacture information and statement from Design Professional indicating the design meets the intent of the Code and reason it should be deemed to comply (size, amount of grout lines, configuration, location, etc.).