

**SENATE  
STATE OF MINNESOTA  
NINETY-FOURTH SESSION**

**S.F. No. 1406**

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DATE  
02/13/2025

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Introduction and first reading  
Referred to Environment, Climate, and Legacy

OFFICIAL STATUS

1.1 A bill for an act  
1.2 relating to environment; adding installation of permeable synthetic turf to best  
1.3 management practices to control stormwater runoff.

1.4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.5 Section 1. **STRUCTURAL PRACTICES FOR CONTROLLING STORMWATER**  
1.6 **RUNOFF; PERMEABLE SYNTHETIC TURF.**

1.7 (a) Installing permeable synthetic turf is a structural practice that can be as effective as  
1.8 installing permeable pavement for managing stormwater runoff. The commissioner of the  
1.9 Pollution Control Agency must include using permeable synthetic turf that meets the  
1.10 requirements in paragraph (b) when describing best management practices to control  
1.11 stormwater runoff in the Minnesota Stormwater Manual.

1.12 (b) Permeable synthetic turf used to control stormwater runoff must:

1.13 (1) be fully permeable at a minimum rate of 25 inches of liquid per hour;

1.14 (2) pass the pill flammability test according to ASTM D2859-16 (2021), Standard Test  
1.15 Method for Ignition Characteristics of Finished Textile Floor Covering Materials;

1.16 (3) contain no perfluoroalkyl and polyfluoroalkyl substances (PFAS), as defined under  
1.17 Minnesota Statutes, section 116.943;

1.18 (4) not be installed in residential projects where rubber infill is used; and

1.19 (5) be manufactured:

1.20 (i) to replicate natural turf for outdoor use;

1.21 (ii) with ultraviolet stabilization and drainable backings;

- 2.1 (iii) to be installed over aggregate bases in all types of climates; and
- 2.2 (iv) in the United States.
- 2.3 (c) Indoor/outdoor carpeting intended to be installed over concrete, such as on patios,
- 2.4 is not permeable synthetic turf and must not be used to control stormwater runoff.