

ANTI-SKID

UK

HFS is installed as directed by the Design Manual for Roads & Bridges documents, and Manual of contract Documents for Highway Works (Clause 924)

- CS 228 Skidding resistance (formerly HD28/15)
 - Minimum lane lengths of 50m highlighted
- CD 236 Surface course materials for construction (formerly HD36/06, IAN 156/16)
 - Note well Specific locations (Site Category & description) it is only recommended to be installed in Table 3.2a&b
 - HFS shall not be used on the circulatory parts of roundabouts, even if traffic signal controlled
- Performance Level: Retained Texture depth (mm) is ≥ 1 mm, with SRV+65

TYPICAL ITEMISATION:

Supply and Lay Hot Applied Buff Type 1 HFS to CI 924

Supply and Lay Hot Applied Dark Grey Type 1 HFS to CI 924

Supply and Lay Cold Applied Buff Type 1 HFS to CI 924

Supply and Lay Cold Applied Dark Grey Type 1 HFS to CI 924

REPUBLIC OF IRELAND

HFS is installed as directed by the TII Publications (Standards & Technical) documents, per Series 900 Specification Clause 7.3 & 10.2.4 for High Friction Surfacing.

HFS is installed by an 'End Performance' Specification, in which we comply to a TII agreed 'Factory Production Control Procedure' for our HFS systems accredited to prTAIT performance testing. Relevant prTAIT Certificates are proposed by the Contractor to adhere per Client Appendix 7/11 constraints & TII documents;

- CC-SPW-00900 – 'Specification for Road Works Series 900 - Road Pavements - Bituminous Materials'
 - Existing surface macrotexture shall be between 0.50mm to 2.0mm
 - Aggregate; PSV₇₀₊ & AAV_{4 Max}
- DN-PAV-03023 – 'Surfacing Materials for New and Maintenance Construction, for Use in Ireland' (especially note Table 4.1)
 - Given its cost, the use of HFS shall only be permitted at the locations specified in Table 4.1. Note well 'Specific' locations (Site Category & definition) it is only recommended to be installed
 - On approaches to a hazard, the minimum treatment length must be 50m
- DN-PAV-03074 - 'Design of Bituminous Mixtures, Surface Treatments, and Miscellaneous Products and Processes'
 - Figure 5.1 – Process Flowchart for High Friction Surfacing
 - Surfaces not suitable for HFS include Microsurfacing, fatted & multilayer surface dressings and surface dressings over soft or unsound bases

Our HFS systems data sheets and Factory Production Control Procedures have received TII accreditation. Details are available on request.

TYPICAL ITEMISATION:

Supply and Lay Hot Applied Buff HFS to CI 7.3 & 10.2.4

Supply and Lay Hot Applied Dark Grey HFS to CI 7.3 & 10.2.4

Supply and Lay Cold Applied Buff HFS to CI 7.3 & 10.2.4

Supply and Lay Cold Applied Dark Grey HFS to CI 7.3 & 10.2.4