



Summary On Indian Standard 14982:2022 “Anti-Stripping Agents For Bitumen Addition - Specification”



IS 14982: 2022 specifies the requirements for anti-stripping agents used to reduce moisture susceptibility in bituminous mixes.

These agents, which can be liquid or powder, help prevent the breaking of the bond between aggregates and the bituminous binder (stripping). Hydrated lime and cement are excluded from this standard.

The standard covers the physical and performance requirements of anti-stripping agents, including specific gravity, flash point, thermal stability, and adhesion properties. It also outlines the procedures for sampling, testing, storage, and safety precautions.

The dosage depends on aggregate properties and the type of surfacing (sprayed or premixed). Anti-stripping agents must be stored in suitable containers and handled with appropriate safety measures, including personal protective equipment (PPE).