

The Indian Standard IS 1834:1994 Specification for hot applied Sealing Compounds for Joints in Concrete specifies hot applied sealing compounds intended for use in sealing joints in concrete roads, runways, bridges and other structures. Joint sealing compounds are composed of suitable mixtures of materials which form a resilient and adhesive barrier in concrete joints and are capable of resisting the infiltration of water and the ingress of solid particles. This standard covers two grades of sealing compounds: Grade A (Ordinary) and Grade B (Fuel Resistant). The sealing compounds conforming to this standard are tested for pour point, flow test, extensibility, penetration and aviation fuel resistance in order to meet the requirements stated in the standard.