

UPDATE ON NEW AND FUTURE CEN ASPHALT TEST METHODS

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ABSTRACT

EN 12697 is an extensive series of European norms for test methods and preparation procedures. Since the introduction of the harmonised asphalt specifications were published in 2006 (which required these test methods to be applied), several additional test methods have been published. These tests are crack propagation by semi-circular bending test, saturation ageing tensile stiffness (SATS) conditioning test, low temperature cracking and properties by uniaxial tension tests, determination of the ash content of natural asphalt and determination of friction after polishing. In addition, tests for interlayer bond strength, conditioning to address oxidative ageing, cohesion increase by spread ability-meter method (for cold mix asphalt), resistance to scuffing and surface shear strength test are being standardised. The paper will review these test methods in terms of why they are required, what options are covered by the draft, what the principal of the method and, for those still to be published, how far through the CEN system that the draft has reached.