

# DIN EN 14771:2023-09 (E)

## Bitumen and bituminous binders - Determination of the flexural creep stiffness - Bending Beam Rheometer (BBR)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Principle .....	6
5	Apparatus .....	6
6	Preparation of test samples .....	7
6.1	General .....	7
6.2	Preparation of moulds .....	7
6.3	Preparation of test specimen .....	8
7	Procedure .....	8
7.1	Measurement .....	8
7.2	Deflection in a valid determination .....	9
8	Calculation .....	9
8.1	General .....	9
8.2	Measured stiffness .....	10
8.3	Calculated stiffness .....	10
8.4	m-value .....	10
8.5	Validity of the results .....	11
9	Expression of results .....	11
10	Precision .....	11
10.1	Repeatability, r .....	11
10.2	Reproducibility, R .....	11
11	Test report .....	11
Annex A (informative) Calculation of T (m = 0,300), T (S = 300 MPa) and respective m-value at T (S = 300 MPa) .....		15
Annex B (informative) Calculation of T <sub>c</sub> .....		18
Bibliography .....		19