

ISO 18319-1:2026-01 (E)

Fibre-reinforced polymer (FRP) reinforcement for concrete structures - Part 1: Specifications of FRP sheets

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	1
5	Mechanical properties	2
5.1	General	2
5.2	Guaranteed value of tensile strength	2
5.3	Characteristic value of Young's modulus	2
5.4	Characteristic value of ultimate strain	2
6	Appearance and dimensions	2
6.1	Appearance	2
6.2	Dimensions	2
6.2.1	Length and width	2
6.2.2	Nominal thickness	2
7	Sampling test	3
7.1	Sampling	3
7.2	Appearance	3
7.3	Dimensions	3
7.3.1	Conditions of measurement	3
7.3.2	Width	3
7.4	Tensile test	3
Annex A (normative) Determination of fibre mass per unit area of dry sheet		4
Bibliography		6