

DIN EN 12490:2010-11 (E)

Durability of wood and wood-based products - Preservative-treated solid wood - Determination of the penetration and retention of creosote in treated wood

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Sampling of creosote-treated wood for the determination of penetration and retention	5
4.1	General requirements	5
4.2	Specific requirements for test samples for the determination of penetration	6
4.3	Specific requirements for test samples for the determination of retention	6
5	Determination of the penetration of creosote in treated wood	6
6	Determination of the retention of creosote in treated wood	7
6.1	Reagents	7
6.2	Apparatus	7
6.3	Preparation of the water trap and the condenser before the extraction	9
6.4	Procedure for the extraction of creosote from the composite sample	9
6.5	Expression of results	10
7	Test report	10
Annex A (informative)	Sapwood/heartwood boundary determination	12
A.1	Scope	12
A.2	Pines	12
A.2.1	Reagents	12
A.2.2	Procedure	12
A.3	Douglas fir	13
A.3.1	Reagents	13
A.3.2	Procedure	13
Annex B (normative)	Density of some selected timber species that are commonly treated with creosote	14
Bibliography		15