DIN EN 927-10:2019-08 (E)

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 10: Resistance to blocking of paints and varnishes on wood

Contents

Page

European foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 6

5 Apparatus 6

6 Sampling 7

7 Substrates 7
7.1 General 7
7.2 Substrate s1 - Spruce 7
7.3 Substrate s2 - Other wood species 8
7.4 Substrate s3 - Inert substrate 8
7.5 Substrate s4 - Other plane substrates 8

8 Application 9
8.1 General 9
8.2 Application to substrate s1 - spruce, s2 - other wood substrates, or substrate s4 - other plane substrates 9
8.3 Application to substrate s3 - inert substrate or substrate s4 - other plane substrates 10
8.4 Typical dry film thickness on stable wood constructions 10

9 Drying time 10

10 Preparation of test strips and specimen 10
10.1 General 10
10.2 Determination of the dry film thickness 11

11 Conditioning of test strips 11

12 Application of load 11
12.1 General 11
12.2 Load to be applied 12
12.3 Climatic conditions during loading 13

13 Evaluation 14

14 Precision 15

15 Test report 15

Annex A (normative) Necessary additional information 16

Annex B (informative) Suggested form for specifying application parameters 17

B.1 General 17
B.2 Specifying complete coating systems 17
B.3 Equipment 17
B.4 Process 17
B.5 Spreading rate 17
B.6 Flash-off 17
B.7 Drying and curing 18
B.8 Overcoating intervals 18
B.9 Sanding 18
B.10 Examples for specifying application parameters 18

Bibliography 22