

DIN EN ISO 9917-2:2010-08 (E)

Dentistry - Water-based cements - Part 2: Resin-modified cements (ISO 9917-2:2010)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Classification and applications	6
4.1	Classification	6
4.2	Applications	6
5	Requirements	6
5.1	Materials	6
5.2	Working time	7
5.3	Setting time -- Classes 1 and 3 materials only	7
5.4	Film thickness -- Luting cements only	7
5.5	Flexural strength	7
5.6	Radio-opacity	7
5.7	Shade and colour stability -- Restorative materials only	7
6	Sampling	7
7	Test conditions and preparation of test specimens	8
7.1	Test conditions	8
7.2	Method of mixing	8
7.3	Inspection requirements	8
8	Packaging, marking and information to be supplied by the manufacturer	8
8.1	Packaging	8
8.2	Marking and instructions for use	8
Annex A (normative) Determination of working time and setting time		11
Annex B (normative) Determination of film thickness -- Luting materials only		13
Annex C (normative) Determination of flexural strength		15
Annex D (normative) Determination of radio-opacity		19
Annex E (normative) Determination of shade and colour stability -- Restorative and luting materials only		22
Bibliography		23