

TECHNICAL OPINION

In the opinion of CSIRO Appraisals, Radcon® Formula #7 is suitable to seal concrete, including cracks, against the ingress of liquid water, salts and contaminants under the following conditions:

1. Radcon® Formula #7 is supplied in sealed plastic containers, each clearly marked with the following
 - (a) Batch code
 - (b) Expiry date or shelf life and pot life.
2. Radcon® Formula #7 is applied only by applicators approved by Radcrete Pacific Pty Ltd in accordance with the instructions contained in the folder Radcrete Pacific Pty Ltd, 'Radcon® Formula #7' (1996) and the Radcrete Pacific Pty Ltd 'Datasheet Radcon® Formula #7' (9/96), Radcrete Pacific Pty Ltd 'How to specify Radcon Formula #7' (9/96).

Notes : 1. These are available from Radcrete Pacific Pty Ltd, Level 3, 45a Bay Street, Double Bay, New South Wales 2011 (Facsimile 02 9362 3244).

2. Whilst the applicant's instructions include use of the product on other surfaces, this appraisal is only for use of the product on concrete surfaces.
3. It is not used to seal cracks or joints that are subject to rapid movement cycles (e.g. one day or less).
4. There are no structural faults or excessive movements in the structure or foundations of the building.
5. It is not used as a water vapour barrier.

BUILDING CODE of AUSTRALIA 2004

In the opinion of CSIRO Appraisals, the system described in this Technical Assessment and installed under the conditions listed in this Technical Assessment will satisfy the performance requirements of Clause FP1.4 (Volume 1 - Class 2 to Class 9 buildings) and P2.2.2 (Volume 2 - Class 1 and Class 10 buildings Housing Provisions) of the Building Code of Australia 2004.

Note:

- (i) The inclusion of this clause with reference to the BCA is aimed at assisting those involved in the building approval/permit process relate the Appraisal to the relevant regulations.
- (ii) Any changes made to the BCA will be reviewed during the term of validity of this Technical Assessment and where necessary, any amendment required will be published on the CSIRO Appraisals web pages on <http://www.dbce.csiro.au>.

RELATED INFORMATION

VALIDITY OF THE ASSESSMENT

Condition:

This Technical Assessment applies only to the use of Radcon® Formula #7 as described herein.

Withdrawal:

This Technical Assessment will be withdrawn or amended if CSIRO Appraisals considers that a change in design or manufacturing quality renders the basis of appraisal invalid, or if reported field experience convinces CSIRO Appraisals of unsatisfactory quality or performance.

Term of Validity:

This Technical Assessment will lapse three years after the date of issue unless revalidation has been requested and granted (see back page).

RELEVANT DOCUMENTS

Radcrete Pacific Pty Ltd, 'Radcon® Formula #7' (1996)
 Radcrete Pacific Pty Ltd 'Datasheet Radcon® Formula #7' (9/96)
 Radcrete Pacific Pty Ltd 'How to specify Radcon® Formula #7' (9/96)

APPROVED ASSESSMENT EXTRACT

Radcon® Formula #7 as supplied by Radcrete Pacific Pty Ltd (ABN 30 003 228 975), Double Bay, New South Wales is suitable to form a subsurface seal in the cracks and matrix of concrete to prevent ingress of liquid water, salts and contaminants when the conditions listed in CSIRO Appraisals Technical Assessment 193 are fulfilled.

APPRAISAL

DESCRIPTION

The following description is based on information provided by the applicant.