

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 03 10 00 – Concrete forming and accessories
- .2 Section 03 30 00.01 – Cast-in-place concrete – short form
- .3 Section 03 37 26 – Underwater placed concrete

1.2 REFERENCES

- .1 American Society for Testing and Materials International (ASTM)
 - .1 ASTM C117-04, Standard Test Method for Material Finer Than 0.075 mm (No. 200) Sieve in Mineral Aggregates by Washing.
 - .2 ASTM C136-05, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.
- .2 CSA International
 - .1 CSA-A23.1/A23.2-F04, Concrete Materials and Methods of Concrete Construction/Methods of Test and Standard Practices for Concrete.

1.3 SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Provide with repair method and sealing, which must first be authorized by the Departmental Representative.
- .3 Product Data
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for and include product characteristics, performance criteria, physical size, mix design, finish and limitations.
 - .1 Instructions for installation/implementation.
 - .2 Test reports from the laboratory, certifying that the products, materials and equipment meet the requirements of the specifications.
 - .3 Data Sheets (MSDS) for products, which will allow safe handling of prescribed products in accordance with requirements of the Workplace Hazardous Materials Information System (WHMIS).

Part 2 EXECUTION

2.1 INSPECTION

- .1 Checking conditions: check the surfaces to be repaired and then inform the Departmental Representative, in writing, of any conditions which would affect progress of work, in accordance with the requirements and so as to complete on time.
 - .1 Do a visual inspection of the surfaces/materials in the presence of Departmental Representative and provide the latter with videos and pictures.

- .2 Send a written notification to the Departmental Representative on all damaged areas which have not yet been identified.
- .2 Before beginning the project, get the approval of the Departmental Representative, as well as his instructions concerning repairs and replacement of stonework.
- .3 Work should halt if a major problem comes up and immediately notify the Departmental Representative of such a problem.

2.2 PREPARATORY PHASE

- .1 Before starting work, let the Departmental Representative approve the tools and materials that are expected to be used for the project.

Before starting work, let the Departmental Representative approve the method of repairing and sealing the Berlin wall.

2.3 SPECIFIC TECHNIQUES

- .1 Repairs and sealing
 - .1 The repair and sealing of the Berlin wall aims at plugging the present gaping holes and stop the potential loss of material behind the Berlin wall and to enable the laying of lean concrete. The proposed methods do not aim at giving structural resistance to existing wall.

2.4 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
- .3 Waste Management: separate waste materials for reuse/recycling or elimination in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

END OF SECTION