

Section 531—Dampproofing

531.1 General Description

This work consists of dampproofing concrete and other types of masonry surfaces.

531.1.01 Definitions

General Provisions 101 through 150.

531.1.02 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

General Provisions 101 through 150.

531.1.03 Submittals

General Provisions 101 through 150.

531.2 Materials

Ensure that materials meet the requirements of the following Specifications.

Material	Section
Bituminous Material for Dampproofing or Waterproofing	826.2.01

Unless otherwise specified, Pitch Type I or II shall only be used when required by the Contract. When pitch is required, use Type I on vertical surfaces and Type II on flat surfaces.

Use the primers specified in [Subsection 826.2.01](#) with asphalt and pitch seal coats.

531.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

531.3 Construction Requirements

531.3.01 Personnel

General Provisions 101 through 150.

531.3.02 Equipment

General Provisions 101 through 150.

531.3.03 Preparation

A. Prepare Surfaces

Concrete surfaces shall cure at least 5 days before dampproofing.

Prepare the surface as follows before dampproofing:

1. Thoroughly clean and dry the surface to be dampproofed.
2. Spray at least two applications of primer, allowing primer to be thoroughly absorbed before the next application.

531.3.04 Fabrication

General Provisions 101 through 150.

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531.3.05 Construction

A. Dampproof Surfaces

After the final primer coat has been absorbed, dampproof the surface as follows:

1. Evenly apply a seal coat having a temperature of 300 °F (150 °C) to 350 °F (175 °C) for asphalt and 200 °F (90 °C) for pitch.
2. Allow the seal coat to dry at least two days or longer. The seal coat shall be hard before any water or earth contacts it.
3. Protect the seal coat from the weather during the drying period.

531.3.06 Quality Acceptance

General Provisions 101 through 150.

531.3.07 Contractor Warranty and Maintenance

General Provisions 101 through 150.

531.4 Measurement

This work will be measured for payment in square yards (meters) of accepted dampproofing.

531.4.01 Limits

General Provisions 101 through 150.

531.5 Payment

This work will be paid for at the Contract Price per square yards (meters) for dampproofing complete in place.

Payment will be made under:

Item No. 531	Dampproofing	Per square yard (meter)
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531.5.01 Adjustments

General Provisions 101 through 150.