

# MASTERSEAL®

## 551

(Formerly Atroproof 2)

**High strength waterproofing system for concrete surfaces**

### Description

MASTERSEAL 551 is a perfect water sealing system with excellent adhesion to concrete surfaces and high strength protective coating with easy application. This system consists of:

**Primer:** Acrylic based emulsion to be applied as surface preparation.

**Bonding agent:** Styrene-acrylate copolymer used to form waterproofing layers.

**Cementitious powder:** With chemical additives to provide strength.

### Applications

It is essential that the surfaces be sounded, cleaned and levelled, all damaged and cracked parts must be repaired. It is also recommended to remove all loose particles by means of a steel brush. After applying the primer, the main coating slurry is prepared by mixing **1** part of bonding agent by **1.5** parts of water and then adding **4** parts by volume of cementitious powder, this slurry should be remixed thoroughly after **10** minutes and then applied by means of a brush in two layers within **2** hours intervals and the thickness of approximately **1mm** for both layers. MASTERSEAL 551 is very useful system for applying on substrates such as: water tanks, swimming pools, dams, concrete pipes, tunnels, foundations etc.

### Packaging

Primer and bonding agent are supplied in 4 and 10 litre pails and cementitious powder is available in 25kg PP bags.

### Consumption

The followings are required in order to cover one square meter of concrete surface in one millimeter thickness:

Primer: 120gm

Bonding agent: 300gm

Cementitious powder: 2kg

### Shelf life

All above materials should be stored in their original packaging, not below +5°C, out of direct sunlight and avoid extreme compaction and moisture. In above condition, they can be stored for one year.

### Safety statement

MASTERSEAL 551 is not poisonous or harmful and can be used in drinking water tanks, but all the equipments must be washed by water after each job.

## Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Degussa representative.

Degussa reserves the right to have the true cause of any difficulty determined by accepted test methods.

## Quality

All products produced by Degussa certified manufacturing facilities, are produced to conform to systems designed to meet internationally recognised quality standards.

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