

urethanes.co.za

Rigifoam (Pty) Ltd Group Brand



NUI® CASE STUDIES

COATING SYSTEM

COPPER TANK BUND AREA 800m²

PRIMER

Ultraprime 800MT (Part A&B)

COATING

UltraSpray® 400B199 / 500B199

Substrate: Concrete

Artic Insulation - Bela-Bela 2016 Compiled by:

NUI® QA Manager



urethanes.co.za

Rigifoam (Pty) Ltd Group Brand



INTRODUCTION

Artic Insulation (coating applicator) approached National Urethane Industries (NUI) Pty Ltd with a request for a Coating System which can be applied on a $\pm 800\text{m}^2$ concrete substrate of a Copper Tank Bund Area in Bela-Bela

The following waterproofing/coating system was recommended by NUI®:

- **One Coat Primer**
Ultraprime 800MT Part A and B
- **One Coat Topcoat**
UltraSpray® 400B199 / Ultrathane 500B199

SURFACE PREPARATION AND COATING

APPLICATION (see figure 1 to 3 below)

The concrete substrate was prepared in accordance with NACE No. 6/SSPC - SP13 (Surface Preparation of Concrete).

The primer was applied by a roller and brush methods while a spray application method was used for the topcoat. The applied coating system comprised one coat Ultraprime 800MT Part A and B primer and one coat UltraSpray 400B199/ Ultrathane 500B199 black with a recommended DFT of 1 - 3mm.

PRIMER



SURFACE PREPERATION



COATING APPLICATION