Frank Mercer & Sons Ltd Chequerbent Works Manchester Road Chequerbent, Westhoughton Bolton, Lancashire BL5 2JF

Declaration Of Performance Issue 2

1. Unique identification code of the product type

T2/51665 99/3603

2. Identification and Use

Toughsheet thickness are 250, 300, 400 and 500 microns flexible sheets for waterproofing. Identification is printed on each pack of sheets including production date with label of certification attached to package

3. Intended use of Toughsheet products

For use in solid concrete ground floors that are not subject to hydraulic pressure to protect buildings against water from the ground

4. Name and contact address of manufacturer

Frank Mercer & Sons Ltd, Chequerbent Works, Manchester Road, Chequerbent, Westhoughton, Bolton, Lancashire, BI5 3JF

5. System of assessment and verification of constancy of performance

System 2+

6. The notification factory control certification body is BBA, British Board of Agreement

The BBA performed inspection of manufacturing plant and factory control and carried out continuous surveillance, assessment and evaluation of factory production control under system 2+ as described in harmonized standard EN 13967

7. Technical Specifications

7.1 Description

Toughsheet Damp-proof membranes are a blown film of extruded polythene

Issue 2

| Nominal spec. | | | | | Tolerance % | |
|-------------------------------------|-----|-----|-----|------|----------------------|--|
| Thickness-micron | 250 | 300 | 400 | 500 | +/- 10% (-0% 400mic) | |
| Roll length mts | 25 | 25 | 20 | 12.5 | -0/ + 5% | |
| Roll width mts | 4 | . 4 | 4 | 4 | -0/5% | |
| Colours- blue/ black/ yellow/clear. | | | | | | |

TEST. EN13967.

| | 250MU | 300MU | 400MU | 500MU |
|---------------------|---------|---------|---------|--------|
| TENSILE-EN12311:2 | 100MLV | 125MLV | 180MLV | 240MLV |
| THICKNESS -EN1849-2 | +/- 10% | +/- 10% | -0/+10% | +/-10% |
| DROP DART-EN12691 | 30MLV | 30MLV | 30MLV | 30MLV |
| WIDTH – EN1848-2 | 4MT | 4MT | 4MT | 4MT |
| NAIL TARE-EN12310 | 120MLV | 130MLV | 180MLV | 200MLV |

BBA TESTING.

| STATIC LOAD EN 12730 | | 20KGS METHOD B. |
|----------------------|---------------|-----------------|
| WATER PERMEABILITY-E | | |
| WATER TIGHTNESS-EN1 | 928 *CONTROL- | PASS |

*CHEMICAL - PASS *HEAT AGED- PASS

Signed for and on behalf of manufacturer

Douglas Mercer, Managing Director Frank Mercer & Sons Ltd

SIGNED: DATE: 4-08-20