

Sikalastic®-601 BC

DECLARATION OF PERFORMANCE

No. 49812830

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	49812830
2	INTENDED USE/S	ETA-09/0139/ ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD Liquid-applied roof waterproofing using kits based on polyurethane
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 3
6b	EUROPEAN ASSESSMENT DOCUMENT:	ETAG of Liquid Applied Roof Waterproofing Kits 005 Part 1 "General" and Part 6 "Specific Stipulations for Kits Based on Polyurethane" Edition March 2000 (Revised March 2004) used as the European Assessment Document (EAD)
	European Technical Assessment:	ETA-09/0139 of 28/09/2018
	Technical Assessment Body:	British Board of Agrément (BBA)
	Notified body/ies:	0836

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

7 DECLARED PERFORMANCE/S

3.1 Mechanical resistance and stability (BWR 1)

Not relevant.

3.2 Safety in case of fire (BWR 2)

Characteristic	Method	Classification
External fire performance	ENV 1187 : 2002 Tests 1 and 4 Classified to EN 13501-5 : 2005 + A1 : 2009	See Annex A
Reaction to fire	EN ISO 11925-2 : 2010 Classified to EN 13501-1 : 2007 + A1 : 2009	See Annex A

3.3 Health, hygiene and the environment (BWR 3)

Characteristic	Method	Category
Resistance to water vapour	EN 1931 : 2000	See Annex A
Watertightness	EOTA TR-003	See Annex A
Resistance to wind loads	EOTA TR-004	See Annex A
Resistance to dynamic indentation	EOTA TR-006	See Annex A
Resistance to static indentation	EOTA TR-007	See Annex A
Resistance to fatigue movements	EOTA TR-008	See Annex A
Effect of low surface temperatures	EOTA TR-006	See Annex A
Extreme low temperatures	EOTA TR-006 EOTA TR-013	See Annex A
Effects of high surface temperature	EOTA TR-007	See Annex A
Resistance to heat ageing	EOTA TR-011 EN ISO 527-4 : 1997 EOTA TR-006 EOTA TR-008	See Annex A
UV radiation in the presence of water	EOTA TR-010 EN ISO 527-4 : 1997 EOTA TR-006	See Annex A
Resistance to water ageing	EOTA TR-012 EOTA TR-004 EOTA TR-007	See Annex A
Root resistance	EN 13948 : 2007	NPD
Content and/or release of dangerous substances ⁽¹⁾	EOTA TR-034	NPD

(1) The manufacturer has made a declaration that the product does not contain any dangerous substances.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

3.4 Safety and accessibility in use (BWR 4)

Characteristic	Method	Category
Resistance to wind loads	EOTA TR-004	See Annex A
Resistance to water ageing	EOTA TR-012 EOTA TR-004	See Annex A
Slipperiness	SS 92 3515	See Annex A

3.5 Protection against noise (BWR 5)

Not relevant.

3.6 Energy economy and heat retention (BWR 6)

Not relevant.

3.7 Sustainable use of natural resources (BWR 7)

Not relevant.

3.8 Related aspects of serviceability

Characteristic	Method	Category
Comparative testing of dynamic indentation – variation in installation temperature	EN ISO 527-4 : 1997 EOTA TR-006	See Annex A
Effects of day joints	EOTA TR-004	See Annex A

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX A CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 12

This annex applies to the SikaRoof MTC 12 waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $6.6 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.3 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance — NPD⁽¹⁾
- Reaction to fire — NPD
- Categorisation by working life — W2
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P1 to P2
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
 - lowest — TL3
 - highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

(1) Classification under BS 476-3 : 1958 is assessed as EXT.F.AA. Results of tests are given in the Evaluation Report.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX B CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 15

This annex applies to the SikaRoof MTC 15 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $6.5 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.5 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance
B_{ROOF}(t1)
B_{ROOF}(t2) B_{ROOF}(t3)
B_{ROOF}(t4)
- Reaction to fire — NPD
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
lowest — TL3
highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX C CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 18

This annex applies to the SikaRoof MTC 18 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $5.8 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.8 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance⁽¹⁾
B_{ROOF}(t1)
B_{ROOF}(t2) B_{ROOF}(t3)
- Reaction to fire — Euroclass E
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
lowest — TL3
highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

(1) Classification under BS 476-3 : 1958 is assessed as EXT.F.AA. Results of tests are given in the Evaluation Report.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX D CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 22

This annex applies to the SikaRoof MTC 22 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $3.8 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.5 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance⁽¹⁾ — $B_{\text{ROOF}}(t1)$
- Reaction to fire — Euroclass E
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
 - lowest — TL3
 - highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

(1) Classification under BS 476-3 : 1958 is assessed as EXT.F.AA. Results of tests are given in the Evaluation Report.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -
SPECIFIC TECHNICAL DOCUMENTATION**

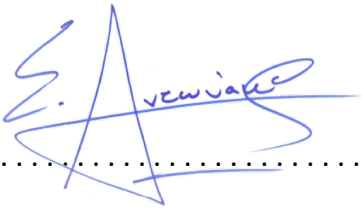
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

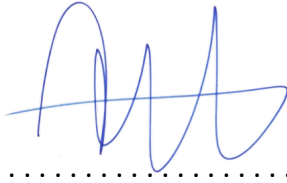
Name: Stamatis Antonakos
Function: TMM Roofing &
Waterproofing
At Athens on 09 July 2019

Name: Alexandros Melissourgos
Function: Technical manager

At Athens on 09 July 2019



.....



.....

End of information as required by Regulation (EU) No 305/2011


RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonised technical specification	DoP Number
Sikalastic®-621 TC	ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD	57619934
SikaRoof® MTC-12	ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD	23830177
SikaRoof® MTC-15	ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD	96228055
SikaRoof® MTC-18	ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD	26401311
SikaRoof® MTC-22	ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD	28313250

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

FULL CE MARKING

 09
Sika Services AG, Zurich, Switzerland
49812830
ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD
Notified Body 0836
Liquid-applied roof waterproofing using kits based on polyurethane

3.1 Mechanical resistance and stability (BWR 1)

Not relevant.

3.2 Safety in case of fire (BWR 2)

Characteristic	Method	Classification
External fire performance	ENV 1187 : 2002 Tests 1 and 4 Classified to EN 13501-5 : 2005 + A1 : 2009	See Annex A
Reaction to fire	EN ISO 11925-2 : 2010 Classified to EN 13501-1 : 2007 + A1 : 2009	See Annex A

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

3.3 Health, hygiene and the environment (BWR 3)

Characteristic	Method	Category
Resistance to water vapour	EN 1931 : 2000	See Annex A
Watertightness	EOTA TR-003	See Annex A
Resistance to wind loads	EOTA TR-004	See Annex A
Resistance to dynamic indentation	EOTA TR-006	See Annex A
Resistance to static indentation	EOTA TR-007	See Annex A
Resistance to fatigue movements	EOTA TR-008	See Annex A
Effect of low surface temperatures	EOTA TR-006	See Annex A
Extreme low temperatures	EOTA TR-006 EOTA TR-013	See Annex A
Effects of high surface temperature	EOTA TR-007	See Annex A
Resistance to heat ageing	EOTA TR-011 EN ISO 527-4 : 1997 EOTA TR-006 EOTA TR-008	See Annex A
UV radiation in the presence of water	EOTA TR-010 EN ISO 527-4 : 1997 EOTA TR-006	See Annex A
Resistance to water ageing	EOTA TR-012 EOTA TR-004 EOTA TR-007	See Annex A
Root resistance	EN 13948 : 2007	NPD
Content and/or release of dangerous substances ⁽¹⁾	EOTA TR-034	NPD

(1) The manufacturer has made a declaration that the product does not contain any dangerous substances.

3.4 Safety and accessibility in use (BWR 4)

Characteristic	Method	Category
Resistance to wind loads	EOTA TR-004	See Annex A
Resistance to water ageing	EOTA TR-012 EOTA TR-004	See Annex A
Slipperiness	SS 92 3515	See Annex A

3.5 Protection against noise (BWR 5)

Not relevant.

3.6 Energy economy and heat retention (BWR 6)

Not relevant.

3.7 Sustainable use of natural resources (BWR 7)

Not relevant.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

3.8 Related aspects of serviceability

Characteristic	Method	Category
Comparative testing of dynamic indentation – variation in installation temperature	EN ISO 527-4 : 1997 EOTA TR-006	See Annex A
Effects of day joints	EOTA TR-004	See Annex A

ANNEX A CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 12

This annex applies to the SikaRoof MTC 12 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $6.6 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.3 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance — NPD⁽¹⁾
- Reaction to fire — NPD
- Categorisation by working life — W2
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P1 to P2
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
 - lowest — TL3
 - highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

(1) Classification under BS 476-3 : 1958 is assessed as EXT.F.AA. Results of tests are given in the Evaluation Report.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX B CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 15

This annex applies to the SikaRoof MTC 15 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $6.5 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.5 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance
B_{ROOF}(t1)
B_{ROOF}(t2) B_{ROOF}(t3)
B_{ROOF}(t4)
- Reaction to fire — NPD
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
lowest — TL3
highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX C CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 18

This annex applies to the SikaRoof MTC 18 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $5.8 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.8 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance⁽¹⁾
B_{ROOF}(t1)
B_{ROOF}(t2) B_{ROOF}(t3)
- Reaction to fire — Euroclass E
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
lowest — TL3
highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62

(1) Classification under BS 476-3 : 1958 is assessed as EXT.F.AA. Results of tests are given in the Evaluation Report.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

ANNEX D CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAROOF MTC 22

This annex applies to the SikaRoof MTC 22 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $3.8 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- resistance to wind loads — $>50 \text{ kPa}$
- assembled kit thickness — 1.5 mm

The categorisation of levels of performance in accordance with ETAG 005 are:

- External fire performance⁽¹⁾ — $B_{\text{ROOF}}(t1)$
- Reaction to fire — Euroclass E
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
 - lowest — TL3
 - highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness [slope (°)/friction coefficient]:

no grit (dry)	18.7/0.34
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (dry)	29.0/0.55
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (dry)	32.0/0.62
no grit (wet)	16.7/0.30
grit at $0.25 \text{ kg}\cdot\text{m}^{-2}$ (wet)	28.3/0.54
grit at $1.00 \text{ kg}\cdot\text{m}^{-2}$ (wet)	32.0/0.62


(1) Classification under BS 476-3 : 1958 is assessed as EXT.F.AA. Results of tests are given in the Evaluation Report.

dop.sika.com

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

CE MARKING TO BE PLACED ON THE LABEL

 09
Sika Services AG, Zurich, Switzerland
49812830
ETAG 005 Part 1 and Part 6, edition March 2000 (Revised March 2004), used as EAD
Notified Body 0836
Liquid-applied roof waterproofing using kits based on polyurethane
For details see accompanying documents
dop.sika.com

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Declaration of Performance

Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

Sika Hellas ABEE
Protomagias 15
14568 Kryoneri
Attica - Greece
www.sika.gr

Declaration of Performance
Sikalastic®-601 BC
49812830
2019.03 , ver. 01
1148

16/16

BUILDING TRUST

