

Declaration of Conformity – Number 024/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

Laminate Floor Aktiv 70

produced in the Rosenheim plant,

for use in the building industry, for the interior use as non-load bearing building component in dry areas with the following features/properties*):

Thickness: 7 mm

Substance: 6.6 kg/m²

Fire protection: C_{fl} - s1Formaldehyde class: E1

Slip resistance: NPD

Thermal resistance 0.063 m²K/W

corresponds with EN 14041, Annex ZA.

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

C. Hambroge

Stephanskirchen, 03 November 2008

*) see back side 08-11-03_GB

Evidence of conformity of **reaction to fire with DIN EN 13 501-1** established by:

MPA Stuttgart Otto-Graf-Institute

Materials Testing Institute University of Stuttgart

Fire Protection Dept. Fire Classification of Building Materials

Pfaffenwaldring 4 D-70569 Stuttgart, Germany

ID No. 0672

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research
Wilhelm-Klauditz-Institut (WKI)
Bienroder Weg 54 E · D-38108 Braunschweig, Germany
ID No. 0765

Further applicable standards:

- DIN EN 13893 Resilient, laminate and textile floor coverings; Measurement of dynamic coefficient of friction on dry floor surfaces
- DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-11-03_GB



Declaration of Conformity – Number 026/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Tritty Laminate Floor 75

produced in the Rosenheim plant,

for use in the building industry, for the interior use as non-load bearing building component in dry areas with the following features/properties*):

> Thickness: 7 *mm*

6.6 kg/m² Substance:

Fire protection: C_{fl} - s1

Formaldehyde class: E1 Slip resistance: NPD

Thermal resistance $0.063 \, m^2 KW$

corresponds with EN 14041, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

Ci. Hamber gr

Stephanskirchen, 03 November 2008

*) see back side: 08-11-03_GB Evidence of conformity of reaction to fire with DIN EN 13 501-1 established by:

MPA Stuttgart Otto-Graf-Institute

Materials Testing Institute University of Stuttgart

Fire Protection Dept. Fire Classification of Building Materials

Pfaffenwaldring 4 D-70569 Stuttgart, Germany

ID No. 0672

Evidence of conformity of **formaldehyde release with DIN EN 717- 1** established by:

Fraunhofer-Institute for Wood Research
Wilhelm-Klauditz-Institut (WKI)
Bienroder Weg 54 E · D-38108 Braunschweig, Germany
ID No. 0765

Further applicable standards:

- DIN EN 13893 Resilient, laminate and textile floor coverings;
 Measurement of dynamic coefficient of friction on dry floor surfaces
- DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-11-03_GB



Declaration of Conformity – Number 027/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Tritty Laminate Floor 100

produced in the Rosenheim plant,

for use in the building industry, for the interior use as non-load bearing building component in dry areas with the following features/properties*):

Thickness: 8 mm

Substance: 7.3 kg/m^2

Fire protection: C_{fl} - s1 aldehyde class: E1

Formaldehyde class: E1
Slip resistance: NPD

Slip resistance: NPD

Thermal resistance 0.068 m²K/W

corresponds with EN 14041, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

(i Hamber gr

Stephanskirchen, 03 November 2008

*) see back side:

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MPA Stuttgart Otto-Graf-Institute

Materials Testing Institute University of Stuttgart

Fire Protection Dept. Fire Classification of Building Materials

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Bienroder Weg 54 E · D-38108 Braunschweig, Germany
ID No. 0765

Further applicable standards:

- DIN EN 13893 Resilient, laminate and textile floor coverings;
 Measurement of dynamic coefficient of friction on dry floor surfaces
- DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-11-03_GB



Declaration of Conformity – Number 028/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Tritty Laminate Floor 250

produced in the Rosenheim plant,

for use in the building industry, for the interior use as non-load bearing building component in dry areas with the following features/properties*):

Thickness:

9.6 mm

Substance:

9.3 kg/m²

Fire protection:

 C_{fl} - s1

Formaldehyde class:

E1

Slip resistance:

NPD

Thermal resistance

 $0.069 \, m^2 K/W$

Antistatic behaviour:

< 2kV

corresponds with EN 14041, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

(1. Hamberge

Stephanskirchen, 03 November 2008

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MPA Stuttgart Otto-Graf-Institute

Materials Testing Institute University of Stuttgart

Fire Protection Dept. Fire Classification of Building Materials

Pfaffenwaldring 4 D-70569 Stuttgart, Germany

ID No. 0672

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research
Wilhelm-Klauditz-Institut (WKI)
Bienroder Weg 54 E · D-38108 Braunschweig, Germany
ID No. 0765

Further applicable standards:

- DIN EN 13893 Resilient, laminate and textile floor coverings;
 Measurement of dynamic coefficient of friction on dry floor surfaces
- DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values
- DIN EN 1815 Resilient and textile floor coverings; Assessment of static electrical propensity

08-11-03_GB



Declaration of Conformity – Number 031/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet 2500 HDF 11mm

produced in the Rosenheim plant,

for use in the building industry, for the interior use as nonload bearing building component in dry areas with the following features/properties*):

Thickness: 11 mm

Density: $> 500 \text{ kg/m}^3$

Fire protection: $\geq D_{FI} - s 1^{**}$

Formaldehyde class: *E1*

Thermal resistance: 0.076 m²K/W

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

1. Hambey

Stephanskirchen 30 October 2008

, **) see back side 08-10-30_GB

**) Reaction to fire (individual verification)

C_{ff}-s1 in the wood species oak and beech, varnished

Evidence of conformity of reaction to fire with DIN EN 13 501-1 established by:

MPA Stuttgart Otto-Graf-Institute

Materials Testing Institute University of Stuttgart

Fire Protection Dept. Fire Classification of Building Materials

Pfaffenwaldring 4 D-70569 Stuttgart, Germany

ID No. 0672

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research
Wilhelm-Klauditz-Institut (WKI)
Bienroder Weg 54 E · D-38108 Braunschweig, Germany
ID No. 0765

Further applicable standards:

 DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-10-30_GB



Declaration of Conformity – Number 036/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet 4000 13.5mm

produced in the Rosenheim plant,

for internal installation other than high moisture content areas in the building industry, over subfloor installation, with the following features/properties*):

Thickness: 13.5 mm

Density: $> 500 \text{ kg/m}^3$

Fire protection: $\geq D_{Fl} - s1^{**}$ Formaldehyde class: E1

Thermal resistance 0.11 m²K/W

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

C. Hamberge

Stephanskirchen 31 October 2008

**) see back side:

**) Reaction to fire (individual verification)

C_{FI}-s1 in the wood species "Achateiche" (oak), varnished.

Evidence of conformity of reaction to fire with DIN EN 14 342 chart 1 (CWFT).

Evidence of conformity of reaction to fire with DIN EN 13 501-1 established by:

MPA Dresden GmbH Fuchsmühlenweg 6F * 09599 Freiberg Ident-No. 0767

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research Wilhelm-Klauditz-Institut WKI Bienroder Weg 54 E D-38108 Braunschweig, Germany ID No. 0765

Further applicable standards:

 DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-10-31_GB



Declaration of Conformity – Number 038/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet 2500 12mm

produced in the Rosenheim plant,

for internal installation other than high moisture content areas in the building industry, over subfloor installation, with the following features/properties*):

> Thickness: 12 mm

> > $> 500 \text{ kg/m}^3$

Density: Fire protection: D_{FI} - s1 Formaldehyde class: E1

Thermal resistance $0.098 \, m^2 K/W$

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

(Hambrap

Stephanskirchen 30 October 2008

*) see back side 08-10-30 GB Evidence of conformity of reaction to fire with DIN EN 14 342 chart 1 (CWFT).

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research Wilhelm-Klauditz-Institut WKI Bienroder Weg 54 E D-38108 Braunschweig, Germany ID No. 0765

Further applicable standards:

 DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-10-30_GB



Declaration of Conformity – Number 039/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet 4000 Strip 10mm

produced in the Rosenheim plant,

for internal installation other than high moisture content areas in the building industry, over subfloor installation, with the following features/properties*):

Thickness: 10 mm

Density: $> 500 \text{ kg/m}^3$

Fire protection: D_{FI} - s1 Formaldehyde class: E1

Thermal resistance 0.076 m²K/W

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

(Hambug

Stephanskirchen 30 October 2008

*) see back side: 08-10-30_GB



Declaration of Conformity – Number 041/09

Hamberger Flooring GmbH & Co.KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet 6000 Strip 12mm

produced in the Rosenheim plant,

for internal installation other than high moisture content areas in the building industry, over subfloor installation, with the following features/properties*):

Thickness: 12,2 mm

Reaction to fire: $min. D_{Fl} - s1^*$

Density: $> 500 \text{ kg/m}^3$

Emission of formaldehyd: *E1*

Thermal conductivity: $0.09 \text{ m}^2\text{K/W}$

Slipperiness: NPD

Breaking strength: NPD

Hazard class: 1

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co.KG

Peter Hamberger

(i. Hamburge

Stephanskirchen 01 December 2009

*) see back side: 09-12-01_GB

Reaction to fire (individual verification) C_{FI}-s1 in the wood species oak, glued.

Evidence of conformity of reaction to fire with DIN EN 14 342 chart 1 (CWFT).

Evidence of conformity of **reaction to fire with DIN EN 13 501-1** established by:

MPA Stuttgart Otto-Graf-Institute

Materials Testing Institute University of Stuttgart

Fire Protection Dept. Fire Classification of Building Materials

Pfaffenwaldring 4 D-70569 Stuttgart, Germany

ID No. 0672

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research Wilhelm-Klauditz-Institut WKI Bienroder Weg 54 E D-38108 Braunschweig, Germany ID No. 0765

Further applicable standards:

 DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values



Declaration of Conformity – Number 042/08

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet Carré 16 mm

produced in the Rosenheim plant,

for internal installation other than high moisture content areas in the building industry, over subfloor installation, with the following features/properties*):

Thickness: 16 mm

Density: $> 500 \text{ kg/m}^3$

Fire protection: D_{FI} - s1 Formaldehyde class: E1

Thermal resistance 0.14 m²K/W

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

(.Hambwey

Stephanskirchen 31 October 2008

Evidence of conformity of reaction to fire with DIN EN 14 342 chart 1 (CWFT).

Evidence of conformity of **formaldehyde release with DIN EN 717-1** established by:

Fraunhofer-Institute for Wood Research Wilhelm-Klauditz-Institut WKI Bienroder Weg 54 E D-38108 Braunschweig, Germany ID No. 0765

Further applicable standards:

 DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

08-10-30 GB



Declaration of Conformity – Number 047/10

Hamberger Flooring GmbH & Co. KG, PO Box 100353, D-83003 Rosenheim

hereby declare that the construction product

HARO Parquet 3000 HDF 11mm

produced in the Rosenheim plant,

for use in the building industry, for the interior use as nonload bearing building component in dry areas with the following features/properties*):

> Thickness: 11 mm Reaction to fire: $\geq D_{Fl} - s1^{**}$

> > **Density:** $> 500 \text{ kg/m}^3$

Emission of formaldehyde: *E1*

Thermal conductivity: $0.076 \text{ m}^2\text{K/W}$

Slipperiness: NPD
Breaking strength: NPD
Hazard class: 1

corresponds with EN 14342, Annex ZA

Hamberger Flooring GmbH & Co. KG

Peter Hamberger

Hambugu

Stephanskirchen 16 February 2010

, **) see back side 10-02-16_GB

) **Reaction to fire (individual verification)

C_{fl}-s1 in the wood species oak and beech, varnished

Evidence of conformity of **reaction to fire with DIN EN 13 501-1** established by:

MPA Stuttgart . Otto-Graf-Institute
Materials Testing Institute . University of Stuttgart
Fire Protection Dept. . Fire Classification of Building Materials
Pfaffenwaldring 4 . D-70569 Stuttgart, Germany

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Fraunhofer-Institute for Wood Research Wilhelm-Klauditz-Institut (WKI) Bienroder Weg 54 E . D-38108 Braunschweig, Germany

ID No. 0765

Further applicable standards:

 DIN EN 12524 Building materials and products; Hygrothermal properties; Tabulated design values

10-02-16_GB