



VP Engineering  
SIMONSWERK GMBH  
BOSFELDER WEG 5  
33378 RHEDA WIEDENBRUCK GERMANY

Date: 2009/06/05  
Subscriber: 100229389  
PartySite: 1277800  
File No: R25745  
Project No: 09CA26300  
PD No: 09M31562  
Type: R  
PO Number: mgradtke270509

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

**Issue**

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
	1		New Index Page(s) All	2009/06/05
2009/06/05	1	2	Add New Indep Proc Sect	
2009/06/05			Add New Indep Report	

Inspections at your plant will be conducted under the supervision of CLAUS SCHAEFER, UL INSPECTION CENTER GERMANY, UL INTERNATIONAL GERMANY GMBH, FRANKFURTER STR 229, NEU-ISENBURG, Germany, 63263., PHONE: 6-102-3690, FAX: 6-102-369480, EMAIL: CLAUS.SCHAEFER@DE.UL.COM

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to our Customer Service Professional, PHONE: 1-877-UL Helps (877-854-3577), FAX: 1-360-817-6000, E-MAIL: CEC@us.ul.com, referring to the above Project and/or PD Numbers.

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NBK File

UL INSPECTION CENTER 287

<u>Product Covered</u>	<u>Section</u>	<u>Issued Date</u>
Models Nos. 510, 520 and 525 Hinges	1	2008-01-31
TECTUS Model Nos. TE 340 3D, TE 540 3D, TE540 3D A8, TE 640 3D and TE 640 3D A8 Hinges	2	2009-06-05

## DESCRIPTION

## PRODUCT COVERED:

Models TECTUS Model Nos. TE 340 3D, TE 540 3D, TE540 3D A8, TE 640 3D and TE 640 3D A8 Hinges made of aluminum, zinc and steel.

## USE:

TECTUS Model Nos. TE 340 3D, TE 540 3D, TE540 3D A8, TE 640 3D and TE 640 3D A8 Hinges for use on single or pairs of swinging type fire doors rated for 20 min without hose stream. Hinges to be used on single swing doors measuring up to and including 1219 mm (4 ft 0 in) wide by 2438 mm (8 ft 0 in.) high and including 1219 mm (8 ft 0 in.) wide by 2438 mm (8 ft 0 in.) high for standard pairs of doors.

## MARKING:

The device shall be marked in accordance with the Listing Mark Data Page. Labels for products described in this section should also bear a maximum hourly rating of 20 min without hose stream.

If the Listing Mark is not visible after installation, each hinge shall have the UL symbol, the Listee's name or trademark, and the designation "F-20" cast or stamped on an exposed surface.

## OPTIONAL SUPPLEMENTAL MARKINGS:

ALSO EVALUATED IN ACCORDANCE WITH STANDARD UL 10C.

## SPECIFICATIONS:

TE 340 3D, TE 540 3D, TE540 3D A8, TE 640 3D and TE 640 3D A8 Hinges made of aluminum, zinc and steel components as shown in ILLS. 1 through 3.

Construction details of the various hinge models are shown as described in the following ILLS.

Illustration	ILL No.
Model No. TE340-3D Part Details	1
Model Nos. TE 540 3D and TE 640 3D Part Details	2
Model Nos. TE 540 3D A8 and TE 640 3DA8 Part Details	3
Installation instructions for Model TE340-3D	4
Installation instructions for Model Nos. TE 540 3D and TE 640 3D	5
Installation instructions for Model Nos. TE 540 3D A8 and TE 640 3D A8	6



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22. Sep. 2008

Simonswerk GmbH

Date: 2008/08/29  
Subscriber: 100229389  
PartySite: 1277800  
File No: R25745  
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PD No: 08M52504  
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Subject: Procedure And/Or Report Material

The following material resulting from the investigation under the above numbers is enclosed.

## Issue

Date	Vol	Sec	Pages	Revised Date
2008/01/31	1	1	Revised Description Page(s) 1	2008/08/28
2008/01/31	1	1	New Illustration(s) 9	2008/08/28
2008/08/26			Add New Indep Report	

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NEK File

UL INSPECTION CENTER 287

File R25745

Vol. 1

Sec. 1

Page 1

Issued: 2008-01-31

Revised: 2008-08-28

## DESCRIPTION

## PRODUCT COVERED:

- \* USC Models 510, 520 and 525 full mortise, door hinges made of aluminum and 520 full mortise door hinges made of aluminum and zinc or stainless steel. May have suffix letters.

## USE:

Simonswerk aluminum and zinc or stainless steel hinges are for use on single or pairs of swinging type fire doors rated up to and including 3/4 h. Measuring up to and including 4 ft 0 in. (1219 mm) by 8 ft 0 in. (2438 mm) for single swing and up to and including 1219 mm (8 ft 0 in.) by 2438 mm (8 ft 0 in.) for pairs of doors

## MARKING:

The device shall be marked in accordance with the Listing Mark Data Page. Labels for products described in this section should also bear a maximum hourly rating of 20 min for the 510 series or 3/4 h or 45 min for the 520 series.

If the Listing Mark is not visible after installation, each hinge shall have the UL symbol, the Listee's name or trademark, and the designation "F-20" or "F-45" cast or stamped on an exposed surface.

## OPTIONAL SUPPLEMENTAL MARKINGS:

ALSO EVALUATED IN ACCORDANCE WITH STANDARD UL 10C.

"ALSO CLASSIFIED IN ACCORDANCE WITH UNIFORM BUILDING CODE STANDARD 7-2,  
"FIRE TEST OF DOOR ASSEMBLIES" (1997).