



Certificado

O Certificado
nº
Certificate no.

PSG-018/2009



Nome e morada do titular do certificado:
Name and address of the certificate holder:

FAPRICELA - Indústria de Trefilaria, S.A.
Manga da Granja
3060-905 Ançã
PORTUGAL

Nome e morada do fabricante:
Manufacturer's name and address:

FAPRICELA - Indústria de Trefilaria, S.A.
Manga da Granja
3060-905 Ançã
PORTUGAL

Produto:
Product:

Rede electrossoldada para armaduras de betão armado
Welded fabric for reinforced concrete

Referências:
Type references:

REDE ELECTROSSOLDADA FAPRICELA A500 ER

Marca(s) comercial(is):
Trademark(s):

Características técnicas:
Technical characteristics:

Ver anexo / *See annex*

Este produto está em conformidade com:
This product is in conformity with:

Especificação / *Specification*
LNEC: E 458 - 2008

Relatórios de ensaios nº(s) / emitidos por:
Test report(s) no. / issued by:

Notas Técnicas nºs 30/2007 e / *and* 45/2009 - DE/NCE / LNEC

Informação adicional (se existir):
Additional information (if any):

Documento de Classificação / *Classification Document* LNEC DC184

Este certificado é válido até:
This certificate is valid until:

2012-08-26

e substitui o certificado nº:
and supersedes the certificate no:

PSG-085/2008

Data de emissão:
Date of issue:

2009-07-10

Francisco Barroca
Director Geral / *General Manager*

Este Certificado é constituído por um Anexo com 3 (três) páginas
This Certificate includes one Annex with 3 (three) pages





Certificado

Anexo ao Certificado nº
Annex to the Certificate no. **PSG-018/2009**



Referências e características técnicas / Type references and technical characteristics:

Tipo de rede Welded type	Espaçamento dos varões Spacing between bars (mm)		Diâmetro dos varões Diameter of bars (mm)		Secções dos varões por metro de largura (cm²/m) Cross-section of bars per meter of width (cm²/m)		Peso por metro quadrado Weight per square meter (kg/m²)
	L	T	L	T	L	T	
FNR 50	100	300	5,0	5,0	1,96	0,65	2,06
FNR 55/5	100	300	5,5	5,0	2,38	0,65	2,38
FNR 60/5	100	300	6,0	5,0	2,83	0,65	2,73
FNR 65/5	100	300	6,5	5,0	3,32	0,65	3,12
FNR 70/5,5	100	300	7,0	5,5	3,85	0,79	3,64
FNR 70/6	100	300	7,0	6,0	3,85	0,94	3,76
FNR 75/6	100	300	7,5	6,0	4,42	0,94	4,21
FNR 80/6,5	100	300	8,0	6,5	5,03	1,11	4,81
FNR 80/7	100	300	8,0	7,0	5,03	1,28	4,95
FNR 85/6,5	100	300	8,5	6,5	5,67	1,11	5,32
FNR 85/7	100	300	8,5	7,0	5,67	1,28	5,46
FNR 90/7	100	300	9,0	7,0	6,36	1,28	6,00
FNR 95/7,5	100	300	9,5	7,5	7,09	1,47	6,72
FNR 100/7,5	100	300	10,0	7,5	7,85	1,47	7,32
FNR 100/8	100	300	10,0	8,0	7,85	1,68	7,48
FNR 110/9	100	300	11,0	9,0	9,50	2,12	9,12
FNR 120/10	100	300	12,0	10,0	11,31	2,62	10,93
FNC 50	100	150	5,0	5,0	1,96	1,31	2,57
FNC 60/5	100	150	6,0	5,0	2,83	1,31	3,25
FNC 70/5,5	100	150	7,0	5,5	3,85	1,58	4,26
FNC 70/6	100	150	7,0	6,0	3,85	1,88	4,50
FNC 80/6,5	100	150	8,0	6,5	5,03	2,21	5,68
FNC 80/7	100	150	8,0	7,0	5,03	2,57	5,96
FNC 90/7	100	150	9,0	7,0	6,36	2,57	7,01

Data de emissão: 2009-07-10
Date of issue:

Francisco Barroca
Director Geral / General Manager



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Anexo ao Certificado nº
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Referências e características técnicas / Type references and technical characteristics:

Tipo de rede Welded type	Espaçamento dos varões Spacing between bars (mm)		Diâmetro dos varões Diameter of bars (mm)		Secções dos varões por metro de largura (cm ² /m) Cross-section of bars per meter of width (cm ² /m)		Peso por metro quadrado Weight per square meter (kg/m ²)
	L	T	L	T	L	T	
FNC 90/8	100	150	9,0	8,0	6,36	3,35	7,62
FNC 100/8	100	150	10,0	8,0	7,85	3,35	8,80
FNC 100/9	100	150	10,0	9,0	7,85	4,24	9,49
FNC 110/9	100	150	11,0	9,0	9,50	4,24	10,79
FNC 110/10	100	150	11,0	10,0	9,50	5,24	11,57
FNC 120/10	100	150	12,0	10,0	11,31	5,24	12,99
FNC 120/11	100	150	12,0	11,0	11,31	6,34	13,85
FNQ 50	100	100	5,0	5,0	1,96	1,96	3,08
FNQ 60/5	100	100	6,0	5,0	2,83	1,96	3,76
FNQ 60	100	100	6,0	6,0	2,83	2,83	4,44
FNQ 70/5	100	100	7,0	5,0	3,85	1,96	4,56
FNQ 70/6	100	100	7,0	6,0	3,85	2,83	5,24
FNQ 70	100	100	7,0	7,0	3,85	3,85	6,04
FNQ 80/6	100	100	8,0	6,0	5,03	2,83	6,17
FNQ 80/7	100	100	8,0	7,0	5,03	3,85	6,97
FNQ 80	100	100	8,0	8,0	5,03	5,03	7,89
FNQ 90/7	100	100	9,0	7,0	6,36	3,85	8,01
FNQ 90/8	100	100	9,0	8,0	6,36	5,03	8,94
FNQ 90	100	100	9,0	9,0	6,36	6,36	9,99
FNQ 100/8	100	100	10,0	8,0	7,85	5,03	10,11
FNQ 100/9	100	100	10,0	9,0	7,85	6,36	11,16
FNQ 100	100	100	10,0	10,0	7,85	7,85	12,33
FNQ 110/9	100	100	11,0	9,0	9,50	6,36	12,45
FNQ 110/10	100	100	11,0	10,0	9,50	7,85	13,63
FNQ 110/11	100	100	11,0	11,0	9,50	9,50	14,92
FNQ 120/10	100	100	12,0	10,0	11,31	7,85	15,04
FNQ 120/11	100	100	12,0	11,0	11,31	9,50	16,34
FNQ 120/12	100	100	12,0	12,0	11,31	11,31	17,76

Data de emissão: 2009-07-10
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Francisco Barroca
Director Geral / General Manager



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Anexo ao Certificado nº
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Referências e características técnicas / Type references and technical characteristics:

Tipo de rede Welded type	Espaçamento dos varões Spacing between bars (mm)		Diâmetro dos varões Diameter of bars (mm)		Secções dos varões por metro de largura (cm²/m) Cross-section of bars per meter of width (cm²/m)		Peso por metro quadrado Weight per square meter (kg/m²)
	L	T	L	T	L	T	
FND 50	150	150	5,0	5,0	1,31	1,31	2,06
FND 55	150	150	5,5	5,5	1,58	1,58	2,49
FND 60/5	150	150	6,0	5,0	1,88	1,31	2,51
FND 60	150	150	6,0	6,0	1,88	1,88	2,96
FND 65	150	150	6,5	6,5	2,21	2,21	3,47
FND 70/5	150	150	7,0	5,0	2,57	1,31	3,04
FND 70/6	150	150	7,0	6,0	2,57	1,88	3,49
FND 70	150	150	7,0	7,0	2,57	2,57	4,03
FND 80/6	150	150	8,0	6,0	3,35	1,88	4,11
FND 80/7	150	150	8,0	7,0	3,35	2,57	4,64
FND 80	150	150	8,0	8,0	3,35	3,35	5,26
FND 90/7	150	150	9,0	7,0	4,24	2,57	5,34
FND 90/8	150	150	9,0	8,0	4,24	3,35	5,96
FND 90	150	150	9,0	9,0	4,24	4,24	6,66
FND 100	150	150	10,0	10,0	5,24	5,24	8,22

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