



European Federation of Corrugated Board Manufacturers

## FEFCO Standards Committee

National Standards for Corrugated Board: Europe, USA: Inventory 31/12/2004

<b>France</b>	
Authority	AFNOR
Code	NF Q 12-008, NF Q 12-009
Title	NF Q 12-008: Carton ondulé; Caractéristiques des cartons ondulés "simple cannelure" et "double cannelure" pour emballage. NF Q 12-009: Carton ondulé; Caractéristiques des cartons ondulés "triple cannelure" pour emballage
Translation Eng.	NF Q 12-008: Corrugated board; Performance criteria for single wall and double wall board for packaging. NF Q 12-009: Corrugated board; Performance criteria for triple wall board for packaging.
Strength criteria	Basis weight, BST, ECT, "P=4C+E", thickness, FCT
Non-strength criteria	-
Third party certification	"LNE Emballage" : Specification de classement LNE C.27 "Carton ondulé pour emballages"

<b>Germany</b>	
Authority	DIN
Code	DIN 55468-1, -2
Title	Wellpappe Teil 1 Anforderungen, prüfung Wellpapper Teil 2: naßfest Anforderungen, prüfung
Translation Eng.	Corrugated board Part 1: Requirements, testing Part 2: Wet strength, requirements, testing
Strength criteria	BST, ECT, PET
Non-strength criteria	-
Third party certification	RAL: RAL-GZ 492 "Gütezeichen Wellpappe RAL": Gütegemeinschaft Wellpappe e.V.
"	DIN-CERTCO (conformity DIN 55468)

<b>Italy</b>	
Authority	GIFCO
Code	-
Title	Regolamento GIFCO
Translation Eng.	GIFCO regulation
Strength criteria	(only for paper: RCT)
Non-strength criteria	Flute height, quality stamp, dimensional tolerance, quantity tolerance, etc.
Third party certification	-

<b>Norway</b>	
Authority	NBF
Code	-
Title	NBF Standard
Translation Eng.	NBF Standard
Strength criteria	BST, ECT, PET
Non-strength criteria	Sampling, flute height, dimensional tolerance, warp, porosity, quality acceptance level, etc.
Third party certification	-

<b>Spain</b>	
Authority	AFCO
Code	-
Title	“Norma de calidad AFCO”
Translation Eng.	AFCO Quality Standard
Strength criteria	ECT, PET
Non-strength criteria	-
Third party certification	-

<b>Sweden</b>	
Authority	SIS
Code	SS 84 30 01
Title	Wellpapp
Translation Eng.	Corrugated fibreboard
Strength criteria	BST, ECT, FCT, Cobb, thickness
Non-strength criteria	-
Third party certification	-

<b>Switzerland</b>	
Authority	WS
Code	-
Title	Garantierte Prüfwerte für VSW-Standardsorten / Valeurs d'essai garanties pour les lieux de production standardisés du VSW
Translation Eng.	Guaranteed test values for VSW standard board grades
Strength criteria	BST, ECT
Non-strength criteria	-
Third party certification	-

<b>UK</b>	
Authority	BSI
Code	BS 1133 subsection 7.5
Title	Packaging code (Section 7 Paper and board wrappers, bags and containers) Subsection 7.5 Fibreboard cases and fitments
Strength criteria	Guidance values of ECT, BST, basis weight
Non-strength criteria	-
Third party certification	-

<b>USA (1)</b>	
Authority	UFC Uniform Freight Conservatory
Code	6000-M Rule 41
Title	UFC Uniform Freight Classification 6000-M Box Specifications, Corrugated or solid fibreboard boxes
Strength criteria	Basis weight of liner papers, BST, PET, ECT
Non-strength criteria	-
Third party certification	-

<b>USA (2)</b>	
Authority	NMFTA National Motor Freight Traffic Association
Code	NMFC Item 222
Title	NMFC National Motor Freight Classification, Specification for fibreboard boxes corrugated or solid (items 222, 222-1 to -6)
Strength criteria	Basis weight of liner papers, BST, PET, ECT
Non-strength criteria	-
Third party certification	-

EL 13/02/06

## FEFCO Standards Committee

### National Standards for Corrugated Board: List of web-sites

<b>Nation</b>	<b>Information</b>	<b>Download</b>	<b>Sales</b>
France	<a href="http://www.afnor.fr">www.afnor.fr</a> <i>(standard)</i>	-	<a href="http://www.afnor.fr">www.afnor.fr</a>
“	<a href="http://www.lne.fr">www.lne.fr</a> <i>(certification)</i>	-	-
Germany	<a href="http://www.din.de">www.din.de</a> <i>(standard)</i>	-	<a href="http://www.beuth.de">www.beuth.de</a>
“	<a href="http://www.ral-wellpappe.de">www.ral-wellpappe.de</a> <i>(certification)</i>	<a href="http://www.ral-wellpappe.de">www.ral-wellpappe.de</a>	-
“	<a href="http://www.din-certco.de">www.din-certco.de</a> <i>(certification)</i>	-	-
Italy	<a href="http://www.gifco.it">www.gifco.it</a>	<a href="http://www.gifco.it">www.gifco.it</a>	-
Norway	<a href="http://www.bolgepapp.no">www.bolgepapp.no</a>	<a href="http://www.bolgepapp.no">www.bolgepapp.no</a>	-
Spain	<a href="http://www.afco.es">www.afco.es</a>	<a href="http://www.afco.es">www.afco.es</a>	-
Sweden	<a href="http://www.sis.se">www.sis.se</a>	-	<a href="http://www.sis.se">www.sis.se</a>
Switzerland	-	-	-
United Kingdom	<a href="http://www.bsi-global.com">www.bsi-global.com</a>	-	<a href="http://www.bsi-global.com">www.bsi-global.com</a>
USA	<a href="http://www.aslrra.org">www.aslrra.org</a> <i>(Rule 41)</i>	<a href="http://www.aslrra.org">www.aslrra.org</a>	-
“	<a href="http://www.nmfta.org">www.nmfta.org</a> <i>(Item 222)</i>	-	<a href="http://www.smc3.com">www.smc3.com</a>