



GLISS[®] WMM

TECHNICAL INFORMATION

GLISS[®] WMM is designed to address the problems related to the installation of power, telephone, and fiber optic telephone cables. It eliminates up to 80% of friction; its potential applications are in the same fields as have already been solved by lubricants in the same series engineered and produced by CARIMA

Appearance: The product is a white gel; the water and glycol in the gelatin act as lubricants as well as vehicles for other specific lubricants which act along the way. Easy to apply, the gel facilitates its spreading on cables to be installed vertically, without any dripping or loss of lubricant.

Traditional use: Apply the gel with a sponge onto the cable; install the cable. The water will evaporate, leaving a layer of lubricant on the cable.

The lubricant layer will stay on for a very long time, facilitating replacement or introduction of other cables in the same duct.

No glue effect (the glue effect occurs when, once the water evaporates, the gel turns into glue, causing all the cables to stick to each other).

GLISS[®] WMM is a non-toxic, inert, bio-degradable, non-flammable product.

TECHNICAL SPECIFICATIONS

Appearance	white
Odor	none
Viscosity	approx 26,000 cp
Specific gravity	gr/cm ³ 1
pH	7 neutral
Use temperature	-15 - +50°C
Toxicity	non-toxic
WGK	1 (according to 2000 German and British standards)

PACKAGING:

Cod. VGELWMM 1	Cardboard box containing 1 kg. <u>Bottles</u> 15 units
Cod. VGELW MM5 - 15 - 25	Kg 5 – 15 – 25 bucket



	RAPPORTO DI PROVA (Test Report)	Pag. 4
	N° 1591\FPM\MATs\07	di/of pag. 4
		Data: 28/03/2008

RISULTATI

DETERMINAZIONE DELLA BIODEGRADABILITÀ IN AMBIENTE ACQUOSO (Metodo di Sturm modificato – G.U. 07-12-90)

Caratterizzazione iniziale del campione:

Carbonio organico (TOC): 13.05% sul campione tal quale

Quantità di carbonio organico aggiunta per reattore (2 reattori per ogni campione):

CAMPIONE	Carbonio organico (mg)	Quantità di CO ₂ teorica, ThCO ₂ (mg)
Riferimento, Sodio benzoato	60.22	220.8
GLISS WMM	85.49	313.5

Nella tabella sottostante vengono riportati le percentuali di biodegradabilità calcolate rispetto alla quantità di carbonio organico totale iniziale contenuto nei campioni.

CAMPIONE	Giorni	CO ₂ cumulativa (g)	% Biodegradabilità (% ThCO ₂)	% Biodegradabilità media
Riferimento, Sodio benzoato	50	0.2156 – 0.2129	97.62 – 96.40	97.01
GLISS WMM	50	0.2868 – 0.2836	91.49 – 90.48	90.99

n.b. in tabella sono riportati i risultati delle single prove condotte in doppio.

DATA
Date

28/03/2008

IL RESP. Food Packaging
Materials
Division Head
G. Vestrucci


IL RESP. DEL CENTRO
Managing Director

P. Cau
