MISSANA

TECHNICAL SHEET

TREATMENTS & COMPOSITION

1.- White seats covers:
White fabric covering the feathers or fiber:
Standard: BS 5852:1979
Cushion; Inside: white fibre, outside: different colors fabrics:
Standard: BS 5852:1979

2.- Foams:
Flexible polyurethane foam.
Types:CM60-CMHR40-CMHR30 -CMHR25S-CMHR3539-60RH

3.- Glue:
Spray TR-85, adhesive for foam material.

4.- Leathers:
• General leather:
Bovine skin
Chrome tanning
Thickness:1,2mm to 1,4mm

• Roadstar leather:
Cow leather European.
Chrome tanning
Thickness:0,9mm to 1,1mm.

5.- Wood lacquer:
Fondipol fireproof: Clasification B-s2, d0
Lacapol fireproof: Clasification B-s2, d0

TEST & CERTIFICATES

WHITE FABRIC

covering the feathers or fiber:

Standard: BS 5852:1979
Sample uncertainty: +-0,554s;+-2,393mm(cigarette)
Pre-treatment: Water soaking in accordance with BS 5651:1989
Standard conditioned:16h(for at least) / (20+-5) ºC y (50+-20) %HR
Ambiental condition test: 24.1ºC y 29.5 % HR
Speed air : 0,04 m/s
Substratum : Non-fire retardant polyurethane foam according with BS 3379 type B
Observations:
The test result relate to the behaviour of the test specimens of a product under the
particular conditions of the test; they are not interested to be the sole criterion for
assessing the potential fire hazard of the product in use.

CUSHION

Inside: white fibre, outside:

different colors fabrics.

Standard: BS 5852:1979
Sample uncertainty : +- 0,554s; +- 2,393mm (cigarette) / +- 0,561 s; +-
2,393mm(cigarette)
Standard deviations: -
Standard conditioned: 24h (for at least) / (23+-2)ºC y (50+-5) %HR
Ambiental condition test: 19.5 ºC y 32.5 %HR
Speed air: 0,04 m/s
Substratum: -
Observations:
The test result relate to the behaviour of the test specimens of a product under the
particular conditions of the test; they are not interested to be the sole criterion for
assessing the potential fire hazard of the product in use.

FOAMS

Polyurethane:

Product: flexible polyurethane foam

Reference: CM60

TRIAL	CALCULATION	LEGISLATION	UNIT	NOMINAL VALUE
DENSITY	Density	UNE EN ISO 845	Kg/m3	60
COMPRESSION	CV40	UNE EN ISO 3386-1	K/pa	8
INDENTATION	R40%	UNE EN ISO 2439	N	320
RESILENCE	Rs	UNE EN ISO 8307	%	65
COMBUSTION3	Clasification	UNE 53127	-	NC
COLOR	WHITE			

CERTIFICATION:
>> Schedule 1 Part 1 of the Furniture and Furnishings.
(FIRE) (SAFETY) Regulations 1988, amended 1989 and 1993
(B.S.5852:Part 2 Crib V)
>> California Technical Bulletin 117 Sez A.D.
>> UNI 9175 (classe 1 IM)

Product: flexible polyurethane foam

Reference: CMHR40

TRIAL	CALCULATION	LEGISLATION	UNIT	NOMINAL VALUE
DENSITY	Density	UNE EN ISO 845	Kg/m3	40
COMPRESSION	CV40	UNE EN ISO 3386-1	K/pa	5,5
INDENTATION	R40%	UNE EN ISO 2439	N	200
RESILENCE	Rs	UNE EN ISO 8307	%	50
COMBUSTION3	Clasification	UNE 53127	-	NC
COLOR	BEIGE			

CERTIFICATION:
>> Schedule 1 Part 1 of the Furniture and Furnishings.
(FIRE) (SAFETY) Regulations 1988, amended 1989 and 1993
(B.S.5852:Part 2 Crib V)
>> UNI 9175 (classe 1 IM)

Product: flexible polyurethane foam

Reference: CMHR30

TRIAL	CALCULATION	LEGISLATION	UNIT	NOMINAL VALUE
DENSITY	Density	UNE EN ISO 845	Kg/m3	30
COMPRESSION	CV40	UNE EN ISO 3386-1	K/pa	3
INDENTATION	R40%	UNE EN ISO 2439	N	125
RESILENCE	Rs	UNE EN ISO 8307	%	50
COMBUSTION3	Clasification	UNE 53127	-	NC
COLOR	WHITE			

CERTIFICATION:
>> Schedule 1 Part 1 of the Furniture and Furnishings.
(FIRE) (SAFETY) Regulations 1988, amended 1989 and 1993
(B.S.5852:Part 2 Crib V)
>> California Technical Bulletin 117 Sez A.D.
>> UNI 9175 (classe 1 IM)

Product: flexible polyurethane foam

Reference: CMHR25S

TRIAL	CALCULATION	LEGISLATION	UNIT	NOMINAL VALUE
DENSITY	Density	UNE EN ISO 845	Kg/m3	25
COMPRESSION	CV40	UNE EN ISO 3386-1	K/pa	1,8
INDENTATION	R40%	UNE EN ISO 2439	N	85
RESILENCE	Rs	UNE EN ISO 8307	%	50
COMBUSTION3	Clasification	UNE 53127	-	NC
COLOR	BEIGE			

CERTIFICATION:
>> Schedule 1 Part 1 of the Furniture and Furnishings.
(FIRE) (SAFETY) Regulations 1988, amended 1989 and 1993
(B.S.5852:Part 2 Crib V)
>> UNI 9175 (classe 1 IM)w

Product: flexible polyurethane foam

Reference: CMHR3539

TRIAL	CALCULATION	LEGISLATION	UNIT	NOMINAL VALUE
DENSITY	Density	UNE EN ISO 845	Kg/m3	35
COMPRESSION	CV40	UNE EN ISO 3386-1	K/pa	3,9
INDENTATION	R40%	UNE EN ISO 2439	N	140
RESILENCE	Rs	UNE EN ISO 8307	%	55
COMBUSTION3	Clasification	UNE 53127	-	NC
COLOR	WHITE			

CERTIFICATION:
>> Schedule 1 Part 1 of the Furniture and Furnishings.
(FIRE) (SAFETY) Regulations 1988, amended 1989 and 1993
(B.S.5852:Part 2 Crib V)
>> UNI 9175 (classe 1 IM)

Product: flexible polyurethane foam

Reference: 60 RH

PHYSICAL CHARACTERISTICS	LIMITS	UNITS	TESTING METHOD	BASED ON STANDARD REGULATIONS
DENSITY	60.0+-3.0	[kg/m3]	PQL001	UNE EN ISO 845
ILD25%	500 - 680	[N]	PQL002	UNE EN ISO 2439
ILD40%	625 - 840	[N]	PQL002	UNE EN ISO 2439
ILD65%	1190 - 1610	[N]	PQL002	UNE EN ISO 2439
ELONGATION AT BREAK	min. 65	[%]	PQL003	ISO 1798
TRACTION RESISTANCE	min. 300	[kPa]	PQL003	ISO 1798
COMPRESSION HARDRESS	20.0+-3.0	[kPa]	PQL004	ISO 3386/1
RESILIENCE	min.35	[%]	PQL005	ASTM D 3574
PERMANENT DEFORMITY	máx. 3.0	[%]	PQL006	ISO 1856

GLUE SPRAY
Spray TR-85

ADHESIVE FOR FOAM MATERIAL

Applications: For the gluing of foam materials themselves and polyurethane to wood, metal, etc. in the upholstery industry.

Properties: Apply spray or airless spray.
The adhesive can be dyed blue to facilitate visually the gluing.
Excellent pistoleabilidad. Fast drying, foam non fan.
HighTACK, with good heat resistance. Wide open time.
Rapid development of resistance of the union.

TECHNICAL CHARACTERISTICS

Description: Contact monocomponent adhesive synthetic rubber base.
Solvents: Flammable (F). Free of n-hexane and toluene. They are not classified as Nocivos according to the legislation in force; However for being volatile and apply the product by spray (spray), inhalation of vapors should be avoided.

Viscosity: Brookfield LVT: 70-200 cP (mPa.s) to 22 - 4 ° C
Content in solids (NV): 29 - 2.5
Storage stability: good for a minimum of 6 months, keeping well closed and containers away from heat, cold and moisture over.

HOW TO USE

Gluing: in general both sides to unite, in a paste by contact to get a maximum strength initial. When the union is not going to be subject to a high initial tension, gluing can be done at one side, and then gluing immediately make wet, to get a proper adhesive transfer. Materials to join must be dry and free of contaminants (dust,dirt. oils, etc.).

Recommended minimum drying: in gluing by contact, 1 to 3 minutes depending on the thickness of the applied layer, away from spraying, initial tension of bonding, temperature and humidity, etc. Gluing can be done well in practice immediately after gluing.

Time open (working time): by contact, up to several hours after the bonding, according to the above factors.

The output nozzle diameter: 1.5 mm

Spray pressure: 2 to 3 atm. (Kgcm2), with normal guns.

Spray distance: 3040 cm. to obtain a very uniform coating, paint type. At greater distances the coating will be less uniform, dry before but does not lose its aggressive tack and the tendency to form Spider Web is moderate.

Cleaning: The gun should be cleaned each time after use with a suitable solvent, such as our solvent N.

Our indications are based on serious studies of laboratory and our experience; but do not relieve the user to carry out their own trials, since the diversity of materials on the market and the different modes of application

GENERAL LEATHER

Bovine skin.
Chrome tanning.

Thickness:1,2mm to 1,4mm
Flexibility resistance:50.000C ISO 5402
Light resistance: 5, scale or Blu ISO 105 B02

Rubbing resistance:
Cycles Value
Dry 500 >=4
Humed 80 >=4
Swet 50 >=4

Breakage resistance: 20 N ISO 3377-1
Fisnishing adherence:2.5 NCm ISO 11644
Ph of aqueous extract: 3.5

Figure (only for pH4) minimum 0.7 ISO 4045
Tear resistance: Over 20N ISO 3377-1
Adherence to the finishing: Over 2,5 N/Cm ISO 11644
Aqueous extract Ph: Over 3,5
Figure (only for Ph4): Minimum 0,7 ISO 4045

Free of pentachlorophenol, chemical substance harmful to the ozone layer.

The skin is chrome tanned, retanned with synthetic resin to give body more elasticit.

Dyed with aniline in a drum.
The refinicion is made with water.
Leather must be cleaned with neutral PH soap and water.

ROADSTAR LEATHER

Product specification

Description: cow leather

Origin: European

Tanning: chrome

Thickness: 0.9 / 1.1 mm

Skin size: approx. 44/46 square feet (approx. 4/4.30 sqm)

Remarks: Leather is not treated in its tanning process with products that may contain harmful substances according to the European norm nº 76/769/CEE (azoic colourings, aromatic amines, hexavalent chrome, formaldehyde and pentachlorine fenol).

Technical properties:
Test criterion Dimension Test method Specification
Colour fastness to rubbing grey scale ISO 11640
dry: 100 cycles - on felt: 4; on leather: 5
wet: 50 cycles - on felt: 4/5; on leather: 5

Light fastness grey scale Xenotest 3/4
Use mild damp cloth to wipe the material clean. Use soap with neutral pH.

Dry with air (with vacuum cleaner or hairdryer).
Maintenance: to apply moisturizing cream each 4/5 months.

CHIMICAVEMAR

SINCERT

ANALISI FISICHE DEL CUOIO

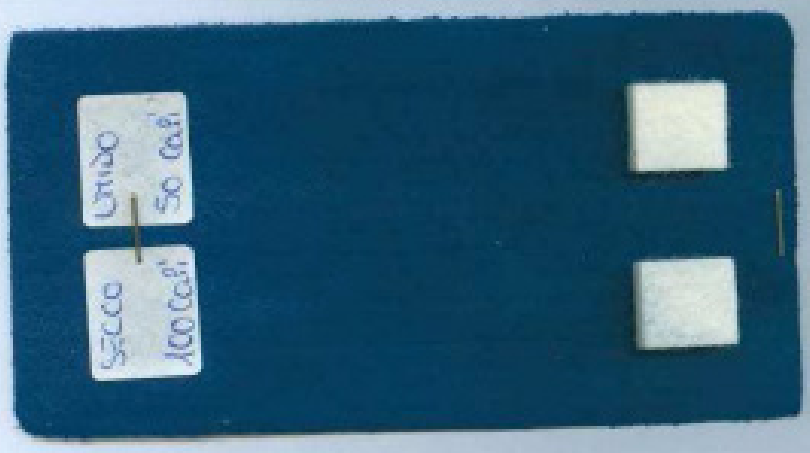
CLIENTE: DIMAR	ARTICOLO: 0779	
	DATA: 16-05-12	ID ANALISI: 425-A12 ANALISTA: VN

TEST EFFETTUATO:	**UNI EN ISO 11640** **Solidita' del colore del cuoio allo strofinio**

RISULTATI DELLE ANALISI			
CAMPIONE	TEST	CICLI	VALORE SCALA DEI GRIGI*
CAMPIONE	SECCO	100	FELTRO: 4 CUOIO: 5
	UMIDO	50	FELTRO: 4/5 CUOIO: 5

*Scala dei grigi: valori da 1 a 5. Ad un valore basso corrisponde una variazione di colore maggiore rispetto al campione originale.

CAMPIONI ANALIZZATI



I risultati dei Test, effettuati secondo la Normativa riportata, si riferiscono al solo campione preso in esame, hanno solo valore indicativo e non ufficiale, e non possono essere utilizzati dal Cliente nei rapporti verso Terzi, o comunque a garanzia di proprie produzioni.

Chimica VEMAR s.r.l.
Sede Legale e amministrativa: 36071 ARZIGNANO (VI) - Via Secondo Stradin, 45 - Telefono 0444 451840 - Telefax 0444 451829 - e-mail: info@chimicavemar.it
Codice Fiscale, Partita IVA e Registro Imprese: 00851490244 - R.E.A. VI 230672 - Capitale Sociale € 10.000,00 i.v.

Clean and care record for Leather

Hair leather:
For classic stains like tomato, chocolate, soft drinks, etc just clean with lukewarm
water and damp cotton cloth (not of micro fibre). You may use a mild soap (neutral pH) and dry with air (hairdryer or vacuum cleaner).
For stains like mud, dust, etc, just let them dry off and brush them smoothly.
Then,dry with a vacuum cleaner and if the stain persists, act as mentioned above (classic stains).
Regular brushing and vacuum is recommended to minimize the effects of mites.

Full grain leather:
Heavy soiling like pen marks may require treatment with a diluted alcohol damp
cloth and afterwards, it should be proceeded the same way as suggested above.

To be avoided:
Never scratch or strongly rub leather off.
Never apply polishes with chemical components.
Never let it dry in the sun.
Never apply dry foam.
Keep the product far from atmospheres with extreme temperatures.

FONDIPOL FIREPROOF:

Clasification B-s2, d0

Product description: 2 components polyurethane bottom, solvent base.
Properties: High coverage power.
High thixotropy.
Good transparency.
Recommended use: Suitable to be used in furniture that requires fireproof properties.

TECHNICAL FEATURES:

	Standard regulations	**Value**
Solids, in weight (%)	UNE EN ISO 3251	50%+-2
Viscosity (cup Ford 4)	UNE EN ISO 2431	70+-5"
Density (kg/L)	UNE EN ISO 2811-1	1.030+/-0,020

MIXTURE PROPERTIES:

		Catalyst N° 295
Mixture proportions (%volume)		50%
Solid mixture (%)	UNE EN ISO 3251	42%+-2
Mixture viscosity (cupFord 4)	UNE EN ISO 2431	20"+-3
Mixture life	UNE EN ISO 9514	4 -5 hours 20ºC
Solvent	Ready to use, no need to add water.	

APLICATION:

Aplication's viscosity (cup Ford 4)	UNE EN ISO 2431	Regular
Application method		Airbrush
Application over		DM fireproof
Recommended layer thickness		150-180gr/m2

Drying time 40-60 minutes, depending on layer thickness and temperature.
Surface sanding 5-6h, depending on layer thickness & athmospheric conditions.
Sanding 16-24h, depending on layer thickness & athmospheric conditions.

In order to have a proper fireproof system you must aply fireproof Lacapol on top of the fireproof Fondipol once it's been sanded and dusted.

Product description: 2 components polyurethane bottom, solvent base.
Properties: High coverage power.
Good extensibility and leveling.
Matt uniformity.
Silky touch.
Recommended use: Suitable to be used in furniture that requires fireproof properties.

TECHNICAL FEATURES:

	Standard regulations	**Value**
Solids, in weight (%)	UNE EN ISO 3251	46%+-2
Viscosity (cup Ford 4)	UNE EN ISO 2431	60+-3"
Density (kg/L)	UNE EN ISO 2811-1	1.010+/-0,020
Gloss (angle 60º)	UNE EN ISO 2813	matt and semi-matt.

MIXTURE PROPERTIES:

		Catalyst Catalyst Nº 280
Mixture proportions (%volume)		50%
Solid mixture(%)	UNE EN ISO 3251	39%+-2
Mixture viscosity (cup Ford 4)	UNE EN ISO 2431	20¨+-3
Mixture life UNE EN ISO 9514 5-6h,		20ºC
Solvent	Ready to use, no need to add water.	

APPLICATION:

Viscosity application (cup Ford 4)	Regular
Application system	Airbrush
Application over	Fireproof Fondipol
Recommended layer thickness	120-130gr/m2

Dust dry 25 -40 minutes, depending on layer thickness & athmospheric conditions.
Touch dry 40 -60 minutes, depending on layer thickness & athmospheric conditions.
Total hardness 1 day, depending on layer thickness and temperature.

In order to have a proper fireproof systems you must have previously applied firrproof Fondipol as a base.

CUSHIONS MAINTENANCE:

BACKRESTS

Backrest cuchions are stuffed with feathers or fiber, in order to avoid deformation due to daily use we should beate them up regularly to get them back into its orinigal shape.
Beat the cushion allows the disperssion of the feathers evenly on the inside of the pad.

SEATS

Before fixing the seat cushions onto the structure of the sofa withdraw the protection that hides the velcro so that the seat stays firmely fixed to the structure.

Attention!, when washing the seat cover is absolutely necessary to put back on the protective flap back on to the velcro to avoid that the velcro damaging the fabric.
Seat cushions are stuffed with feathers or fiber, in order to avoid deformation due to daily use we should beate them up regularly to get them back into its orinigal shape.
Open the zipper on the back of the cushion and make sure the filling is well possition in the correct possition, specially the corners.

*****This daily gestures will keep your sofá in shape and looking as good as new for many many years.**

WOOD & METAL CLEANING

WOOD CLEANING

Avoid commercial cleaning products. Although the immediate results of a cleaning product may seem rewarding, the long term effects of its chemical composition with the wood, air and light may be very harmful.
Weekly cleaning is recommended. Use a clean cloth made of soft, lint -free cotton. Moisten the cloth with just enough water to make the dust adhere to it. The cloth should not be so damp that it wets the wood. Always wipe in the direction of the wood grain.

METAL CLEANING

Clean frequently metals with water. Use a clean cloth made of soft, lint -free cotton. Never use coarse abrasives like sandpaper or steel wool.
They may actually cause rusting.
NEVER clean with mineral acids or bleaches.

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