

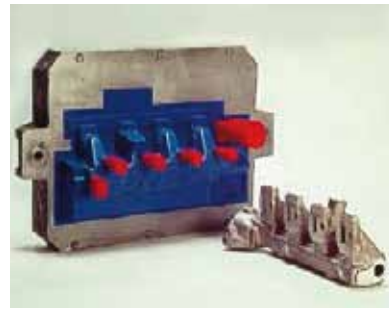
Elan-tech®

Tooling System Resins
Resine per Modelli e Stampi

TOOLING SYSTEM RESIN

RESINE PER MODELLI E STAMPI

| RESIN | HARDENER | COLOUR | MIXING RATIO (W/W) | POT LIFE MIN. 25°C | MAX THICKNESS mm | TG °C | CHARACTERISTICS |
|-----------------------------|--|---|---|--|------------------------------------|-------------------------------|--|
| RESINA | INDURENTE | COLORE | RAPPORTO IN PESO | TEMPO DI UTILIZZO 25°C | MASSIMO SPESSORE mm | TG °C | CARATTERISTICHE |
| GELCOATS | | | | STRATI SUPERFICIALI A PENNELLO | | | |
| MG 516NF | W 501N W 557 | Red Rosso | 100:11 100:9 | 18-25 20-30 | 0,5 - 1 0,5 - 1 | 120 120 | Medium sandability and chemical resistant. PU integral skin and RTM moulds. <i>Mediante carteggiabile. Chimicoresistente. Stampi per PU integrale e RTM.</i> |
| MG 536 | W 503 W 506 | Brown Marrone | 100:19 100:33 | 15-25 182 | 0,5-1 0,1-1 | 150 190 | High thermal and chemical resistant. Polishable. Pre-preg tools, thermoforming tools and molds. <i>Termoresistente, chimicoresistente, lucidabile. Stampi per pre-pregs, termoformatura, termoresistenti in genere.</i> |
| MG 543 | K 09N W 501N W 557 | Light Green Verde Chiaro | 100:9 100:9 100:7,5 | 15-25 20-35 | 1,5-2 1,5-2 1-1,5 | 100 102 116 | Hard, chemical and abrasion resistant but polishable. Ceramic case moulds. <i>Duro, resistente chimicamente e all'abrasione ma lucidabile. Specifico per madreforme per ceramica.</i> |
| MG 544 | K 09N W 503 W 501N W 557 | Blue Blu | 100:9 100:9 100:9 100:7 | 12-18 15-25 26-34 30-40 | 1- 2 1-1,5 1- 2 1- 1,5 | 110 107 112 112 | Hard, abrasion and chemical resistant- for foundry pattern and mould. <i>Duro, resistente chimicamente e all'abrasione, per modelli da fonderia e stampi in genere.</i> |
| MG 602 MG 603 | K 09N W 503 | White or Light Green Bianco o Verde Chiaro | 100:10 100:9 | 16-24 | 2 | 95 | Sandable and polishable, thixotropic, Negatives and ceramic case moulds. <i>Carteggiabile e lucidabile. Tixotropico. Negativi e madreforme per ceramica.</i> |
| MG 798 MG 799 | K 09N K 09N | Green Verde Giallo Yellow | 100:10 100:10 | 15-20 16-24 | 1-1,5 1-1,5 | n.a. n.a. | Semi-flexible gelcoat (MG798 softer, MG799 harder) for ceramic sanitaryware case mould. <i>Gelcoat duroplastico (MG798 più flessibile, MG799 più rigido) per madreforme per ceramica sanitari</i> |
| MC 1163 | W 500 | Grey Aluminium Grigio Alluminio | 100:9 | 30-40 | 1-1,5 | 110 | Aluminium filled, chemical and thermoresistant. Vacuum thermoforming tools and thermal resistant moulds. <i>Caricato alluminio, chimicoresistente. Stampi per termoformatura e termoresistenti in genere.</i> |
| ADD-UP2 | For gelcoat or polyester/vinylester resins | Transparent Trasparente | 100:1,8-2,2 | - | - | - | Special additive compatibilizer gelcoat or polyester/vinylester skin coat with epoxy resins. Please check TDS. <i>Speciale additivo compatibilizzante gelcoat e resine poliesteri/vinilesteri skin coat con resine epossidiche. Vedi procedura sul B.T.</i> |
| EPOXY CASTING RESINS | | | | RESINE EPOSSIDICHE DA COLATA | | | |
| MC 151F | W 500 W 243 W 101 W 57.01 | Black Nero | 100:5 100:12 100:12 100:6,5 | 20-30 60-80 30-40 40-60 | 0,5-1 30 20 25 | 84 75 75 125 | Iron filled. Machinable. W500 for gelcoat. W101 or W243 for patterns and metal forming tools. W57.01 for thermoresistant tools. <i>Caricato acciaio. Lavorabile all'utensile. W500 per gelcoat. W243 e W101 per modelli e stampi imbutitura. W57.01 per stampi termoresistenti.</i> |
| MC 152 | W 243 W 101 | Beige Beige | 100:12 100:12 | 110-130 40-50 | 40 25 | 60 60 | Mineral filled. Machinable. For room temperature pattern and tools. <i>Caricato minerale. Lavorabile all'utensile. Sistema standard per riempimento di modelli e attrezzi.</i> |
| MC 153NF | W 243 W 101 K 32 W 57.01 | Blue Blu | 100:12 100:12 100:5 100:6,5 | 60-90 30-40 25-35 60-90 | 40 25 10 25 | 65 70 80 122 | Filled, abrasion resistant. Not machinable. Low thermal expansion coefficient. W243 - W101 for room temperature patterns and tools. K32 and W57.01 for thermoresistant tools. <i>Caricato, resistente all'abrasione. Basso coeff. espansione termica. W243-W101 per modelli e attrezzi a T.A. K32 e W 57.01 per stampi PU e termoresistenti.</i> |
| MC 338 | W 61 | Grey Aluminium Grigio Alluminio | 100:7 | 120-180 | 40 | 240 | High thermal and chemical resistant, aluminium filled, for solid casting of pilot thermoplastic injection moulds. <i>Elevata resistenza termica e chimica, caricato alluminio, per colate a spessore di stampi pilota per iniezione termoplastici.</i> |
| MC 1163 | K 21 W 57.01 W 340 | Grey Aluminium Grigio Alluminio | 100:6 100:10 100:11 | 30-40 40-60 80-100 | 10 10-15 (40) 25 (40) | 110 130 135 | Aluminium filled. Can be filled with small aluminium grains for high thermal conductive solid casting. Thermoresistant tools. <i>Caricato alluminio, può essere caricato con alluminio in granelli per colate di massa termoresistenti.</i> |
| MC 1164 | W 500 W 101 W 132 W 340 W 341 | Grey Aluminium Grigio Alluminio | 100:7 100:15 100:11 100:9 100:9 | 30-40 25-35 60-80 80-100 25-35 | 1-2 25 100 30-40 15-25 | 110 70 90 135 133 | Aluminium filled. Polishable. High thermal conductivity. W500 for gelcoat and coupling coat. W101 for R.T. tools. W 132-W340-W341 for H.T. tools. <i>Caricato alluminio. Lucidabile. Elevata conducibilità termica. W 500 per gelcoat e strati di collegamento. W101 per attrezzi a T.A. W 132-W 340-W341 per stampi termoresistenti.</i> |
| MR 106 | W 206 | Yellow Giallo | 100:15,5 | 100-120 | 30 (50) | 75 | Abrasive-filled. Can be furtherly filled with quartz grains. Low cost mass casting system. PU moulds and tools. <i>Caricato abrasivo. Caricabile ulteriormente con quarzo in granelli per colate di massa e conomiche per stampi e attrezzi.</i> |
| MR 108 | W 206 W 101 | Grey Grigio | 100: 18 100: 16 | 100-120 30-40 | 30 25 | 68 64 | Mineral filled. Can be furtherly filled with mineral or aluminium grains. Mass casting system for PU and PU shoes moulds. <i>Caricato minerale. Può essere caricato ulteriormente, per colate di massa economiche. Stampi PU e PU per soles di calzature.</i> |



| RESIN | HARDENER | COLOUR | MIXING RATIO (W/W) | POT LIFE MIN. 25°C | MAX THICKNESS mm | TG °C | CHARACTERISTICS |
|--------|-----------|--------|--------------------|------------------------|---------------------|-------|-----------------|
| RESINA | INDURENTE | COLORE | RAPPORTO IN PESO | TEMPO DI UTILIZZO 25°C | MASSIMO SPESSORE mm | TG °C | CARATTERISTICHE |

RIGID POLYURETHANE CASTING RESINS

POLIURETANI RIGIDI DA COLATA

| | | | | | | | |
|----------------|------------------------------|--------------|---|----------------|----------------|-----------|--|
| PC 17 | G 127 | Beige Beige | 100:100 | 2-2,5 | 5 | 102 | Rigid resilient unfilled fast casting PU for scale models reproduction. <i>Rigido resiliente, non caricato, per colate a rapido indurimento per automodelli in scala.</i> |
| PC 21 | G 8 G 8 +EF 31 Fillite | Beige Beige | 100:25 (plastic) 100:50 (rigid) (100-150) | 2-3 | 5(50) | 43 107 | Rigid or plastic unfilled fast casting PU without filler for finishing shoe models or with filler for like wood items. <i>Rigido o plastico PU per colate a rapido indurimento per finiture di modelli di calzature o caricato per articoli simil legno.</i> |
| PC 25 PC 26 | G 226+EF35P | Beige Beige | 100:100:(300) | 2,5-3,5 3-4 | 5(70) | 104 | Rigids, unfilled fast casting PU with separate filler for negatives, models, or unfilled for scale models. <i>Rigidi, con carica a parte, per colate a rapido indurimento o senza carica per modelli in scala.</i> |
| PC 27LV | G 127+EF35P | Beige Beige | 100:100:(300) | 4-4,5 | 5(100) | 90 | Rigid, resilient unfilled PU with separate filler for models. Unfilled for scale models. <i>Rigido, resiliente, con carica a parte, per colate a rapido indurimento o senza carica per modelli in scala.</i> |
| PC 30 | G 37 | Blue/Blu | 100:20 | 3,5-4,5 | 30-50 | 86 | Rigid, low viscosity filled PU. <i>Rigido, caricato, bassa viscosità, pronto all'uso per colate a rapido indurimento.</i> |
| PC 32NF | G 37 | White Bianco | 100:20 | 4-5 | 30-50 | 82 | Rigid, fluid filled PU. Sandable, polishable. <i>Rigido, caricato, bassa viscosità, carteggiabile e lucidabile, pronto all'uso per colate a rapido indurimento.</i> |
| PC 37 | G 37 G 9 | Red Rosso | 100:20 100:20 | 7-9 30-45 | 20-30 50-60 | 58 55 | Rigid, low viscosity filled PU, machinable, medium and slow cure. Ready to cast for foundry patterns. <i>Rigido, caricato, bassa viscosità, lavorabile all'utensile, pronto all'uso per colate di modelli da fonderia.</i> |
| PC 38 | G 138+EF35P | White Bianco | 100:80:(400) | 12-18 | 15(500) | 75 | Rigid resilient unfilled PU with separate filler for mass casting of large press moulds and patterns or unfilled for face casting. <i>Rigido, resiliente, con carica a parte, per colate di massa e non caricato per colate di superficie di grandi stampi da imbutitura.</i> |
| PC 39 | G 226+EF35P | Beige Beige | 100:100(300) | 10-15 | 10 (70) | 80 | Rigid, unfilled PU with separate filler for medium-large models. <i>Rigido, con carica a parte per medie-grandi colate modelli.</i> |
| PC 1121 | G 121 | White Bianco | 100:110 | 3,5-4,5 | 3-5 | 93 | Rigid, resilient PU for rapid prototyping vacuum like ABS material. <i>Rigido, resiliente, per colate di prototipi simili all'ABS termoplastico.</i> |
| PU 630 | G 8 | Beige Beige | 100:100 | 20-30 sec. | 20-30 | 75 | Rigid PU foam, foaming up to 5-10 times in closed/open mould. Very short pot life. <i>PU rigido, espandente fino a 5-10 volte. Tempo di utilizzo molto breve.</i> |

ELASTOMERIC AND FLEXIBLE POLYURETHANE CASTING RESINS

POLIURETANI ELASTOMERICI E FLESSIBILI DA COLATA

| | | | | | | | |
|------------------|--|--|-------------------------------|-------------------------|-------------------------|--------|---|
| PC 6-NF White | G 126 Black G 130 Blue G 30 Amber | Grey Grigio Blue Azzurro Beige Beige | 100:12,5 100:15 100:7,5 | 20-30 20-30 20-25 | 40-50 40-50 40-50 | <-40°C | Elastomeric PU with different Shore A: G126/A48, G130/A55. G 30/A65-70. Ceramic case moulds. <i>Elastomero PU a differenti Shore A: G126/A48, G130/A 55. G30/A 65-70. Madreforme flessibili per ceramica.</i> |
| PC3041 Yellow | G 1030 Red G 1041 Blue | Orange Arancio Green Verde | 100:50 100:50 | 10-15 8-13 | 50 50 | <-40°C | Elastomeric PU. With G1030 Shore A 30, with G1041 Shore A40. Flexible moulds for plaster and cement elements. <i>Poliuretano elastomerico. Con G1030 Shore A 30, con G1041 Shore A 40. Stampi e inserti per articoli in gesso e cemento.</i> |
| PU 412 | G 31 | Beige Beige | 100:30 | 30-40 | 20-30 | 0-3°C | Flexible PU Shore A75, high dimensional stability in the time. Ceramic case moulds. <i>PU flessibile, Shore A 75, elevata stabilità dimensionale nel tempo. Madreforme per ceramica.</i> |
| PC 1055 Amber | G 1030 Red G 1041 Blue G 121 Amber | Red Rosso Green Verd Amber Ambra | 100:35 100:33 100:40 | 15-20 15-20 8-10 | 15-20 15-20 15-20 | <-30°C | Elastomeric PU Shore A 35-55, for flexible pieces and prototypes, tools and moulds. <i>Elastomero PU Shore A 35-55 per articoli elastomeri, prototipi, attrezzi e stampi.</i> |
| PC 1088 Amber | G 1030 Red G 1041 Blue G 121 Amber | Red Rosso Green Verde Amber Ambra | 100:70 100:66 100:40 | 18-22 18-22 8-10 | 5-10 15-20 15-20 | <-30°C | Elastomeric PU Shore A 65-90 for flexible pieces, prototypes, tools and mould. <i>Elastomero PU Shore A65-90 per elementi flessibili, prototipi, attrezzi e stampi.</i> |
| PC 8590 | G 8590 | Lattescante Milky | 100:50 | 6-8 | 15-20 | <-30°C | Elastomeric PU Shore A 85-90 for tools of cement printed. <i>Elastomero PU per attrezzi da stampaggio cemento a vista.</i> |
| PC 6075 | G 1075 | Brown Marrone | 100:400 | 10-15 | 10-20 | 93 | Hard elastomeric PU Shore D70 for face casting foundry pattern, core box and special abrasion resistant parts. <i>PU elastomerico duro Shore D70 per colate di superficie di modelli da fonderia, casse d'anima, e parti sistenti all'abrasione.</i> |
| PU 585 | G 185 | White Bianco | 100:50 | 35-45 sec. | 300 | <-40°C | Elastomeric PU, foaming up to 9-18 times in closed/open mould. Very short pot-life. <i>Elastomero PU espandente 9-18 volte in stampo chiuso/aperto. Tempo di utilizzo molto corto.</i> |



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|--------|-----------|--------|--------------------|------------------------|---------------------|-------|-----------------|
| RESINA | INDURENTE | COLORE | RAPPORTO IN PESO | TEMPO DI UTILIZZO 25°C | MASSIMO SPESSORE mm | TG °C | CARATTERISTICHE |

EPOXY PURE RESINS

RESINE EPOSSIDICHE PURE

| | | | | | | | |
|-------------------|-------------------------|--|----------------------------|--------------------------|---------------|----------------|---|
| EC 54NF | K 12 W 25 W 57.01 | Pale Yellow Paglierino Violet Violetto | 100:20 100:12 100:22 | 25-35 35-45 80-100 | 5 5-7 5 | 66 80 93 | Low viscosity for backfilling tamped and laminating with glass fabrics for tools and mould. <i>Bassa viscosità per riempimenti stipati o laminazione con tessuti di vetro per attrezzi e stampi.</i> |
| EC 57 | K 21 W 57.01 | Pale Yellow Paglierino Violet Violetto | 100:20 100:25 | 20-25 30-40 | 2-3 5 | 112 122 | Low viscosity. Thermoresistant tools and moulds. Laminating glass fabrics or backfilling. <i>Bassa viscosità. Laminati con fibra di vetro e riempimenti stipati di stampi termoresistenti.</i> |
| EC98N EC98NTix | W 52 W 52 | Milky Lattescente | 100:18 100:16 | 15-25 15-25 | 20 5 | n.a. | Flexible fluid or tixo for casting, laminating or flexible coupling layer. <i>Resina flessibile fluida o tixo per colate, laminati o strati di collegamento flessibili.</i> |
| EC 130 LV | W 341 W 340 | Light Violet Violetto Tenue | 100:30 100:30 | 8-15 50-70 | 3 5 | 125 135 | Low viscosity. Thermoresistant until 135°C. Available with different hardeners and reactivity. Pre-pregs tools and composite parts. <i>Bassa viscosità. Disponibile con diversi indurenti a reattività variabile. Stampi per pre-pregs e manufatti composti.</i> |
| EC 138 | W 340 | Pale Yellow Paglierino | 100:30 | 75-85 | 5 | 150 | Medium viscosity. Thermoresistant 150°C. Pre-pregs moulds and composite parts. <i>Media viscosità. Termoresistente fino a 150°C per stampi termoresistenti e manufatti composti.</i> |
| EC 180 | W 340 | Pale Yellow Paglierino | 100:36 | 220-260 | 10 | 185 | Medium viscosity. Thermoresistant 185°C. Demoulding at room temperature. Pre-pregs tools and composite parts. <i>Media viscosità. Termoresistente fino a 180°C per stampi termoresistenti e manufatti composti.</i> |
| EC 257 | W 61 | Pale Yellow Paglierino | 100:20 | 220-240 | 10 | 190 | Low viscosity. Infusion thermoresistant composite tools and parts up to 190°C. <i>Bassa viscosità. Infusione di attrezzi e manufatti composti termoresistenti a 190°C.</i> |

LAMINATING AND MODELLING EPOXY PASTES

PASTE EPOSSIDICHE MODELLABILI E DA LAMINAZIONE

| | | | | | | | |
|----------------------------|----------------------------|--------------------------------------|---------------------|----------------|-------|----------------|--|
| MS 242 A | MS 242 B | White/Brown Bianco/Marrone | 100:100 | 15-25 | 20-30 | 83 | Hand applied epoxy paste for styling models and syntactic foam for composite parts. <i>Pasta epossidica per applicazione manuale per modelli di stile e schiume sintattiche per composti.</i> |
| MS 252 NF | W 252 BLU W 242 BLU | Grey Light Blue Grigio Azzurrato | 100:12-15 100:10 | 40-50 45-55 | 25 | 60 48 | Glass fiber reinforced epoxy paste for tools and negatives. <i>Pasta rinforzata con fibre di vetro per attrezzi e negativi.</i> |
| MS 253 | K12 BLU | Grey- Light Blue Grigio Azzurrato | 100:5 | 20-30 | 15 | 58 | Rollable glass fiber reinforced paste for tool with calibrated thickness. <i>Pasta rollabile caricata con fibre di vetro per attrezzi a spessore calibrato.</i> |
| MS655A MS657A MS658A | MS655B MS657B MS658B | Brown/Grey Marrone/Grigio | 100:100 | 35-45 | 30 | 68 68 63 | Machine applied epoxy pastes. Several low densities (d=0,6-0,7-0,75) for large CNC master and style models in automotive and marine applications. <i>Paste a bassa densità (d=0,6-0,7-0,75), applicabili a macchina per grandi modelli master e stile nel settore auto e nautica.</i> |

SILICONE RUBBERS

GOMME SILICONICHE

| | | | | | | | |
|----------------------------|--|---|-------------------------------|------------------|--------------------|---------|--|
| RTV 2216 | Cat.THM-1 | White Bianco | 100:5 | 20-30 | 300 | <-50°C | Polycondensation cheap RTV for shoes moulds replica. No tear resistant. <i>RTV economico da policondensazione per stampi di calzature. Non resistente alla lacerazione.</i> |
| RTV 44P28 | Cat PM | Yellow Giallo | 100:4 | 30-40 | 5-10 | <-60°C | Polycondensation paste RTV for copies. Coloured gel hardeners in tubes. <i>RTV in pasta per copie. Indurente colorato in tubetti.</i> |
| RTV 4410 | Cat.TH-1 CAT THM-1 RTV Additix 54F | White Bianco White Bianco | 100:5 100:5 100:0,5-2,5 | 30-40 15-25 | 300 300 1-10 | <-60°C | Polycondensation casting RTV Shore A 10 for very soft flexible moulds; with RTV Additix 54-F added, by brush/spatula. <i>RTV policondensazione Shore A 10 per stampi flessibili molto morbidi. Con RTV Additix 54-F a pennello/spatola.</i> |
| RTV 4427 | Cat.TH-1 Cat.THM-1 RTV Additix 54F | White Bianco White Bianco | 100:5 100:5 100:0,5-2,5 | 30-40 15-25 | 300 300 1-10 | <-60°C | Polycondensation casting RTV Shore A 25 for flexible shell mould. With RTV Additix 54-F added, by brush/spatula. <i>RTV policondensazione da colata. Con RTV Additix 54-F a pennello/spatola.</i> |
| RTV 5520A | RTV 5520B RTV Additix 54F | Light Yellow Giallo Chiaro | 100:100 100:0,1-0,5 | 20-30 | 300 | <-90°C | Range of RTV polyaddition casting silicone Shore A 20-30-40, very fluid, easy mix ratio, no shrinkage over time, tear resistant. With RTV Additix 54-F added, by brush/spatula. Pottery ceramic case-moulds, plaster and cement moulds, pre-pregs tools. <i>Gamma di RTV poliaddizione da colata, Shore A20-30-40, fluidi, facile rapporto impiego, no ritiro lineare nel tempo, resistenti alla lacerazione. Con RTV Additix 54-F a pennello/spatola. Matrici ceramica stoviglieria, stampi per cemento e gesso, stampi per pre-pregs.</i> |
| RTV 5530A | RTV 5530B RTV Additix 54F | Light Green Verde Chiaro | 100:100 100:0,1-0,5 | 20-30 | 300 | <-90°C | |
| RTV 5540A | RTV 5540B RTV Additix 54F | Light Blue Blu Chiaro | 100:100 100:0,1-0,5 | 30-40 | 300 | <-90°C | |
| TSE 3478T A TSE 3488T A | TSE 3478T D TSE 3488T C | Translucid Traslucido Uncolored Incolore | 100:10 100:10 | 200-240 70-90 | 300 | <-90°C | Momentive polyaddition RTV Shore A 41, translucid, medium viscosity, no shrinkage, tear resistant. TSE3478T-A is oil bleed grade. <i>RTV poliaddizione colata Shore A 41, traslucido, media viscosità no ritiro lineare, resistente lacerazione. TSE3478T-A è il grado con rilascio olio.</i> |
| RTV664A | RTV 664B RTV Additix 54F | Light Blue Azzurro Chiaro | 100:10 100:0,1-0,5 | 40-50 | 300 | <-100°C | Momentive polyaddition RTV Shore A 55-60. High viscosity, no shrinkage, tear resistant. Approved F.D.A. With RTV Additix 54-F, by brush/spatula. <i>RTV poliaddizione Shore A 55-60, alta viscosità, no ritiro lineare, resistente lacerazione. Approvato per uso alimentare. Con Additix 54-F a pennello/spatola.</i> |



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|--------|-----------|--------|--------------------|------------------------|---------------------|-------|-----------------|
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PLASTICRETE (WATER BASED ACRYLIC SYSTEM, HYDRAULIC SETTING)

PLASTICRETE (RESINA ACRILICA IN VEICOLO ACQUOSO A PRESA IDRAULICA)

| | | | | | | | |
|-------------|---|---|----------------|-------|-------------------------------------|-----|---|
| P-Cast A 02 | P-Filler BW For tools | Natural White Bianco Naturale | 45:100 | 22-30 | Any thickness Qualsiasi spessore | n.a | Water solvent acrylic resin for making tool and parts by brush, casting or laminating in combination with D5 tri-axial fiber glass and chopped strand glass. FR version is certified fire resistant class. <i>Resina acrilica in veicolo acquoso da usare come gelcoat a pennello, per colata o per laminazione con tri-assiale vetro D5 o con fibrette di vetro A20. La versione FR è certificata resistente alla fiamma in Classe 1.</i> |
| P-Cast A 02 | P-Filler ART natural - white for elements | Natural White or White Bianco Naturale o Bianco | 50:100 | 22-30 | Any thickness Qualsiasi spessore | n.a | |
| P-Cast A 02 | P-Filler FR for fire resistant elements | Natural White Bianco Naturale | 35:100 | 22-30 | Any thickness Qualsiasi spessore | n.a | |
| P-TIX | | White Bianco | 2-4% on P-Cast | | | | Additive thixotropic for P-Cast like gelcoat or putty. <i>Additivo Tix per P-Cast tipo Gelcoat o stucco.</i> |

P-Filler BW, ART, FR, are available on request also in faster curing.

P-Filler BW, ART, FR sono disponibili a richiesta anche in versione a più rapido indurimento

MODELLING AND TOOLING BOARDS

PLACCHE LAVORABILI CNC PER MODELLI E ATTREZZI

| | | | |
|---|---|---|---|
| PURBLOCK PB 080 YELLOW d= 80 Kg./m ³ * styling & core parts <i>PURBLOCK PB 080 GIALLO d=80 Kg./m³* forme di stile - anime</i> | PURBLOCK PB 120 YELLOW d= 80 Kg./m ³ * styling & core parts <i>PURBLOCK PB 120 GIALLO d=80 Kg./m³* forme di stile - anime</i> | PURBLOCK PB 160 NATURAL WHITE d= 80 Kg./m ³ * styling & core parts <i>PURBLOCK PB 160 BIANCO NATURALE d=80 Kg./m³* forme di stile - anime</i> | PURBLOCK PB 250 YELLOW d= 250 Kg./m ³ * large styling models <i>PURBLOCK PB 250 GIALLO d=250 Kg./m³* grandi modelli di stile</i> |
| * Available only in large boards and full pallets * <i>Disponibile solo in lastre grandi e bancali completi</i> | | | |
| PURBLOCK PB 180 GREY - d=180 Kg./m ³ styling models <i>PURBLOCK PB 180 GRIGIA - d=180 Kg./m³ modelli stile</i> | PURBLOCK PB 302 PINK - d=300 Kg./m ³ styling models <i>PURBLOCK PB 302 ROSA - d=300 Kg./m³ modelli stile</i> | PURBLOCK PB 480 APRICOT d=480 Kg./m ³ styling and models <i>PURBLOCK PB 480 ALBICOCCA d=480 Kg./m³ stile e modelli</i> | PURBLOCK PB 550 LIGHT BROWN- d=550 Kg./m ³ master models and styling <i>PURBLOCK PB 550 MARRONE CHIARO d=550 Kg./m³ modelli master e stile</i> |
| PURBLOCK PB 700 BROWN - d=700 Kg./m ³ master models <i>PURBLOCK PB 700 MARRONE - d=700 Kg./m³ modelli master</i> | PURBLOCK PB 1040 YELLOW - d=1150 Kg./m ³ foundry patterns, hammer tooling, milling prototypes <i>PURBLOCK PB 1040 GIALLA - d=1150 Kg./m³ modelli fonderia, stampi battitura, prototipi cnc</i> | PURBLOCK PB 1100 BEIGE - d=1150 Kg./m ³ foundry patterns, jigs, tools <i>PURBLOCK PB 1100 BEIGE - d=1150 Kg./m³ modelli fonderia, maschere, sttazzi</i> | PURBLOCK PB 1201 GREEN - d=1200 Kg/m ³ foundry patterns, metal forming tools. <i>PURBLOCK PB 1201 VERDE -d=1200 Kg/m³ modelli da fonderia, stampi imbutitura</i> |
| PURBLOCK PB 1250 GREEN -d=1250 Kg/m ³ foundry patterns, metal forming tools <i>PURBLOCK PB 1250 VERDE -d=1250 Kg/m³ modelli da fonderia, stampi imbutitura</i> | PURBLOCK PB 1500 RED - d=1500 Kg./m ³ foundry patterns, jigs, metal forming tools <i>PURBLOCK PB 1500 ROSSA - d=1500 Kg./m³ modelli fonderia, maschere, stampi imbutitura lamiera</i> | PURBLOCK PB 1660 ALUMINIUM - D=1700 Kg./m ³ foundry patterns, tools, jigs <i>PURBLOCK PB 1660 ALLUMINIO - D=1700 Kg./m³ modelli da fonderia, attrezzi, maschere posizionamento</i> | EPIBLOCK EB 690 GREEN - d=650 Kg./m ³ Master Models and Pre-pregs tools <i>EPIBLOCK EB 690 VERDE - d=650 Kg./m³ Modelli Master e Stampi per Pre-pregs.</i> |

GLASS FABRICS

TESSUTI DI VETRO

| | | | |
|--|--|--|--|
| C3 glass fabric verranne - 100 g/m ² <i>Tessuto C3 - 100 g/m²</i> | C4 glass fabric verranne - 200 g/m ² <i>Tessuto C4 - 200 g/m²</i> | D2 glass fabric verranne - 540 g/m ² <i>Tessuto D2 - 540 g/m²</i> | D5 glass fabric tri-axial roving - 200 g/m ² <i>Tessuto triassiale roving D5 - 200 g/m²</i> |
|--|--|--|--|

CALIBRATED SELF ADHESIVE SHEETS WAX

CERA CALIBRATA IN FOGLI ADESIVA

| | |
|--|--|
| Dimension 30,48 x 60,96 cm <i>Dimensioni 30,48 x 60,96 cm</i> | Available thickness 0,5 - 0,75 - 1 - 1,5 - 2 - 2,5 - 3 - 4 mm <i>Spessori 0,5 - 0,75 - 1 - 1,5 - 2 - 2,5 - 3 - 4 mm</i> |
|--|--|

FILLERS AND FIBRES

CARICHE INERTI E FIBRE RINFORZANTI

| | | | | |
|---|--|--|--|---|
| EF 18/T Neutral, green, brown hollow microspheres <i>Microsfere cave neutre, Verdi, marroni</i> | EF 34 Talc powder <i>Talco in polvere</i> | EF 36 Pyrogenic silica <i>Silice pirogenica</i> | EF 73 Milled cotton <i>Cotone macinato</i> | Ecka AS 31 Aluminium powder <i>Polvere di alluminio</i> |
| EF 26/H Aluminium grains 0,6- 1,5 mm <i>Graniglia alluminio</i> | EF 14 Black mineral grains 0,5-1,5 mm <i>Graniglia minerale nera</i> | A 20 Chopped strand glass 6 mm <i>Fibrette di vetro 6 mm</i> | EF 35P Aluminium Hydroxide <i>Allumina idrossido</i> | EF 05 Quartz grains 0,3-0,7 mm <i>Quarzo in graniglia</i> |

COLOR PASTES SUITABLE FOR EPOXY AND PU

PASTE COLORANTI IDONEE PER EPOSSIDICHE E PU

| | | | | | | | |
|---|--|---|--|---|---|--|--|
| COL. 224 - RAL 9017 Black soluble opaque <i>Nero solubile opaco</i> | COL. 34 - RAL 9017 Black opaque <i>Nero coprente</i> | COL. 35 - RAL 1004 Yellow opaque <i>Giallo coprente</i> | COL. 36 - RAL 5002 Blue opaque <i>Blu coprente</i> | COL. 37 - RAL 3002 Red opaque <i>Rosso coprente</i> | COL. 38 - RAL 6016 Green opaque <i>Verde coprente</i> | COL.101 - RAL 9010 White opaque <i>Bianco coprente</i> | COL. 102 - RAL 1013 Botticino opaque <i>Botticino coprente</i> |
|---|--|---|--|---|---|--|--|

RELEASE AND INSULATING AGENTS

AGENTI DISTACCANTI E ISOLANTI

| | | | | |
|---|--|---|---|--|
| Z14 Wax paste in solvent <i>Cera in pasta in solvente</i> | Z15 LC Liquid wax in solvent <i>Cera liquida in solvente</i> | Z16 Polyvinylalcohol <i>Alcool polivinilico</i> | Z25-LE Spray wax <i>Cera in spray</i> | LUBROLENE E-6 Spray silicon <i>Silicone in spray</i> |
|---|--|---|---|--|

Elan-tron[®]

Tooling System Resins

ELANTAS Europe is part of the division ELANTAS Electrical Insulation of the ALTANA group and is a leading manufacturer of insulating materials and specialty chemicals. Our portfolio includes wire enamels, impregnating resins and varnishes, casting and potting resins, electronic coatings, adhesives and flexible electrical insulation materials. In addition, we supply materials for other application areas such as special coatings, printed electronic products as well as tooling and composite materials.

As a specialist in formulating epoxy, polyurethane and silicone resins ELANTAS Europe has a deep knowledge in composite material development and applications. With our brand Elan-tech[®] range of resins for tools and models such as extruding pastes for large shape, epoxy and polyurethane tooling boards and liquid resins, we cover all requests of our customers.

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