



MARTE[®]



FOLLOW
OUR GREEN
LINE

UNSATURATED POLYESTER **RESINS**
environmentally friendly range

MARTE ECOLOGICAL RESINS PROGRAM

With **over 30 years** of experience in the production and development of unsaturated polyester resins for a **wide variety of markets and applications**, our R&D and technical staff are able to support all Clients by meeting their requirements and interpreting their market needs towards an environmental transition.

Marte offers a range of **innovative and ecological resins** which can adapt to the various production processes of our Clients, but we are also capable to develop **tailor made specific resins** to respond to the increasing ecological needs of the future.

Marte unsaturated polyester resins are a result of a **specific research activity combined with a strong environmental focus**.

GENERAL PURPOSE

ECO ARES RESINS

DCPD	P 801 T	medium low reactivity - low shrinkage
DCPD	P 805 T	high reactivity - low shrinkage
ORTHO	P 130 LSE	medium reactivity - low water absorbtion
DCPD	P 801 LSE	medium low reactivity - low shrinkage
DCPD	P 805 LSE	high reactivity - low shrinkage
Special	ECO ARES 31	styrene free - good curing
Special	P 5100	6% styrene content - good chemical properties

BIO BASED RESINS

ORTHO	P 1000	clear - medium reactivity
ORTHO	P 1060	clear - low shrinkage
ORTHO	P 1300	medium reactivity - low water absorbtion
ISO	P 2000	high reactivity - good chemical resistance
DCPD	P 8000	good color and mechanical properties
DCPD	P 8250	tack free surface

RECYCLED BASED RESINS

ORTHO	P 16	medium reactivity - low shrinkage
ORTHO	P 13	medium reactivity - low water absorbtion

RTM

ECO ARES RESINS

DCPD	P 802	low shrinkage - low peak
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BIO BASED RESINS

ORTHO	P 1040	medium reactivity - low shrinkage
DCPD	P 8010	good color and mechanical properties

RECYCLED BASED RESINS

ORTHO	P 10	medium reactivity - low shrinkage
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SANITARY & SOLID SURFACE

ECO ARES RESINS

DCPD	P 807	good adhesion on PMAA - ABS
DCPD	P 807 E	good adhesion on PMAA - ABS - low emissions

BIO BASED RESINS

ORTHO	P 1070	good filler loading
DCPD	P 8011	good elongation
ORTHO	P 1000 NSL	clear - medium reactivity
Special	P 1220 NSL	clear - UV stabilized
ISO/NPG	P 2550	Solid Surface - good chemical resistance

RECYCLED BASED RESINS

ORTHO	P 17	good filler loading
DCPD	P 87	good adhesion on PMAA - ABS

LAMINATES - PANELS

ECO ARES RESINS

ORTHO/DCPD	P 900 LSE	good elongation - medium reactivity
DCPD	P 945 E	good elongation - low styrene emissions
DCPD	P 802 LSE	low shrinkage - low styrene emissions
DCPD	P 805 AD	Hot Press Molding - low styrene content
Special	P 5300	6% styrene content - good chemical resistance

BIO BASED RESINS

ORTHO	P 1019	clear - good reactivity
ORTHO/DCPD	P 9000	medium reactivity - low shrinkage

RECYCLED BASED RESINS

ORTHO/DCPD	P 90	medium reactivity - low shrinkage
ORTHO/DCPD	P 90 LSE	medium reactivity - low styrene emissions

CULTURED MARBLE - POLYMER CONCRETE

ECO ARES RESINS

ORTHO	P 106 LSE	low shrinkage - low styrene emissions
DCPD	P 802 NR	low styrene content - low shrinkage
DCPD	P 805 N 7	low styrene content - fast curing cycle
Special	P 5400	6% styrene content - good chemical properties
DCPD	P 805 N	high reactivity - low shrinkage
DCPD	P 809	good wetting of fillers - low shrinkage
Special	P 5000	6% styrene content - good chemical resistance

BIO BASED RESINS

ORTHO	P 1066	clear - low shrinkage
DCPD	P 8012	good mechanical properties
DCPD	P 8255	good curing - tack free surface

RECYCLED BASED RESINS

ORTHO	P 15	clear - low shrinkage
ORTHO	P 15 LSE	clear - low styrene emissions

PULTRUSION - TANKS - PIPES

ECO ARES RESINS

DCPD	P 803	low styrene content - low shrinkage
Special	P 5500	6% styrene content - good chemical resistance

BIO BASED RESINS

ORTHO	P 1330	good reactivity
ORTHO	P 1800	high reactivity
DCPD	P 8030	low shrinkage
ISO	P 2030	high reactivity

RECYCLED BASED RESINS

ORTHO/DCPD	P 90	medium reactivity - low shrinkage
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COLOR PASTES

RECYCLED BASED RESINS

Special	P 67 LV	low viscosity - good pigmentability
Special	P 66	medium viscosity - good pigmentability

PUTTIES

ECO ARES RESINS

DCPD	P 805	low shrinkage - good reactivity.
DCPD	P 825	good reactivity - tack free surface
DCPD	P 826	styrene free for chemical anchors
DCPD	P 816	good reactivity - tack free surface
DCPD Flexible	P 855	good elongation

BIO BASED RESINS

ORTHO	P 1440	good clear color
ORTHO	P 1000 A 12	very clear
ORTHO	P 1220 A 12	very high transparency
DCPD	P 8005	good mechanical properties
DCPD	P 8250	tack free surface
special	P 8111	putty for wood

CASTING

ECO ARES RESINS

Special	ECO ARES 18	polyester acrylic resin - good color
Special	ECO ARES 11	polyester acrylic resin - good color

BIO BASED RESINS

ORTHO	P 1222	very good color
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BUTTONS

BIO BASED RESINS

ORTHO	P 1140 NSL BIO	very good color
ORTHO	P 1140 TSL BIO	very good color - tixotropic

FLOORS

ECO ARES RESINS

Special	ECO ARES 310	styrene free resin - good chemical resistance
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GLUING

ECO ARES RESINS

Special	P 800 N 15 H	very good adhesion on PVC
Special	P 822 N 15 H	low styrene content - good adhesion on PVC
Special	P 800 TA 30 PS	low styrene content - good adhesion on PVC
Special	P 5200	6% styrene content - good chemical resistance

GELCOAT

ECO ARES RESINS

Special	ECO ARES 28	polyester acrylic resin - good curing
Special	ECO ARES 22	polyester acrylic resin - good pigmentability

BIO BASED RESINS

ORTHO	P 1000 NGSL	medium reactive - UV stabilized
ISO	P 2000 NGSL	high reactivity - UV stabilized
ISO/NPG	P 2550 NGSL	good chemical properties
Special	P 2500 NGSL	very low yellowing - good chemical properties
Special	P 1220 NGSL	very clear - UV stabilized

RELINING

ECO ARES RESINS

Special	P 5000	6% styrene content - good chemical resistance
Special	P 5001	styrene free - good chemical resistance
Special	P 5002	styrene free - good chemical resistance



ECO ARES RESINS

Styrene-free resins
or resins with low
styrene or resins with
low styrene content

MARTE SPA
can develop
tailor-made programs
to define ECO ARES
formulations for any
applications



BIO BASED RESINS

Resins produced with
raw materials derived
from **natural** and
sustainable sources

MARTE SPA
can produce
sustainable resins from
bio-mass (plants) or
from vegetal sources



RECYCLED BASED RESINS

Resins produced
with **recycled** raw
materials or derived
from by-products

MARTE SPA
can satisfy
the requirements of
circular economy

The development of a **full range of Green-Recipes**
is our company mission



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