PRODUCT GUIDE

NORTH COMPOSITE

POLYESTER RESIN

POLYESTER RESINS
GENERAL PURPOSE
CASTING
ENGINEERED STONE
PRIMING & PUTTY
BUTTON
HOT PRESS SMC & BMC
HIGH CHEMICAL CORROSION RESISTANT
CONTINUOUS LAMINATING
ACRYLIC ABS BACK-UP
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PULTRUSION
RTM / INFUSION

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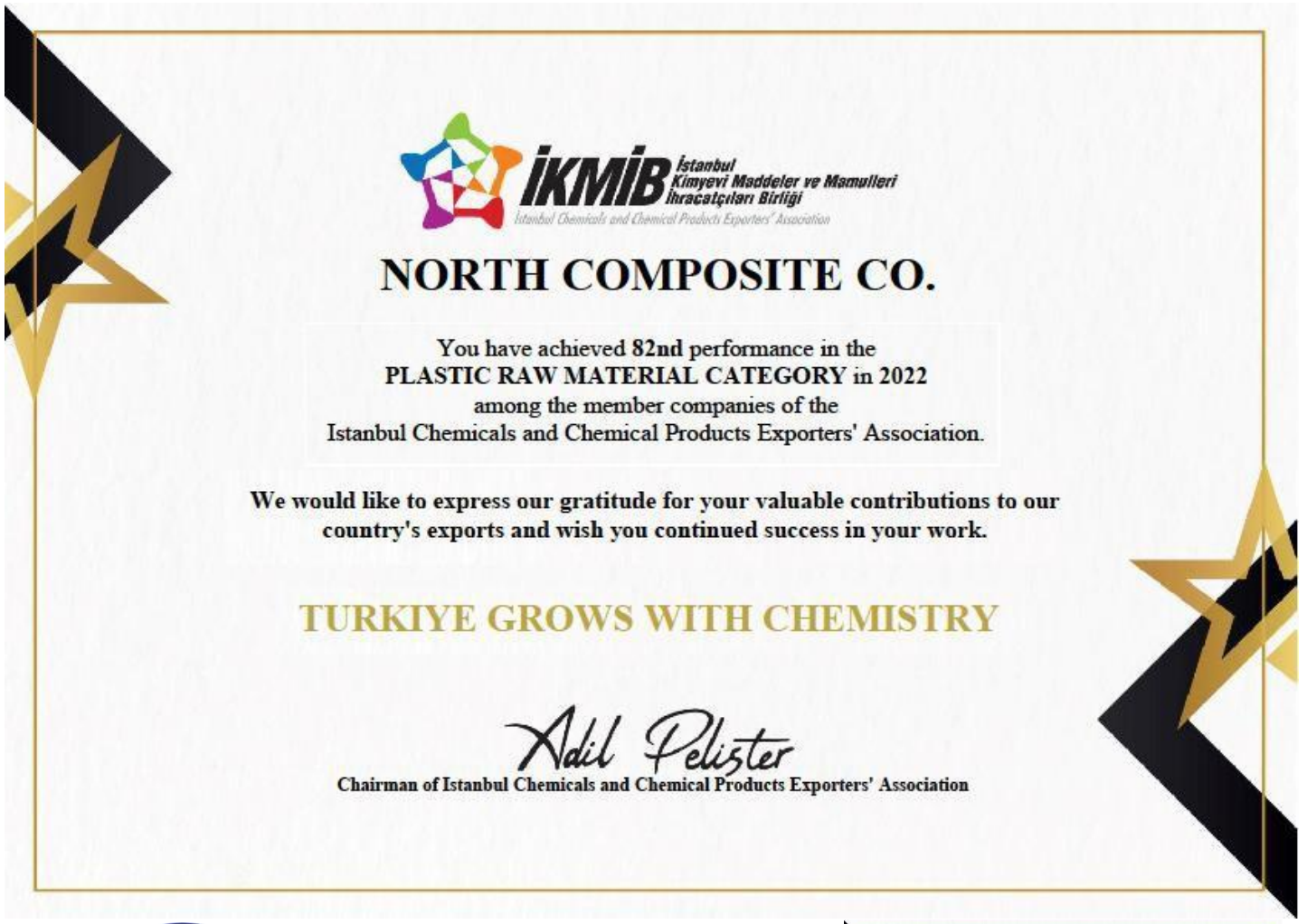
About Us

Our company North Composite was established to create a bridge between the manufacturer and the consumer, using knowledge of more then 20 years in the composite sector.

With its overseas connections, North Composite has established new supply chains for raw material supply to manufacturers, as well as the export of composite products produced in the domestic market.

North Composite has proven its position, reliability and performance in the sector by passing among the top 100 exporting companies in the composite sector in 2022.

Our company has adopted the principle of returning to its customers in the fastest way by using the portfolio we have with a demand-oriented working structure for solution purposes.



İKMİB İstanbul Kimyevi Maddeler ve Mamulleri İhracatçıları Birliği
İstanbul Chemicals and Chemical Products Exporters' Association

NORTH COMPOSITE CO.

You have achieved **82nd** performance in the
PLASTIC RAW MATERIAL CATEGORY in 2022
among the member companies of the
Istanbul Chemicals and Chemical Products Exporters' Association.

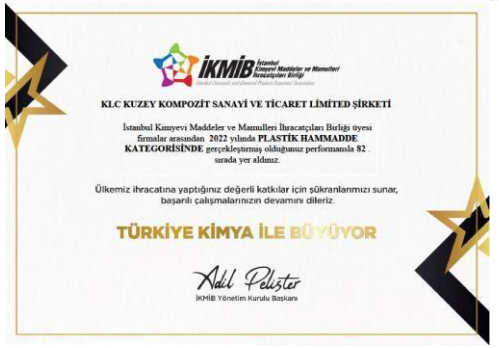
We would like to express our gratitude for your valuable contributions to our country's exports and wish you continued success in your work.

TURKIYE GROWS WITH CHEMISTRY

Adil Pelister
Chairman of Istanbul Chemicals and Chemical Products Exporters' Association

NORTH COMPOSITE
POLYESTER RESIN

MADE IN TÜRKİYE MADE IN



İKMİB İstanbul Kimyevi Maddeler ve Mamulleri İhracatçıları Birliği

KLC KUZEY KOMPOZİT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İstanbul Kimyevi Maddeler ve Mamulleri İhracatçıları Birliği üyesi firmalar arasından 2022 yılında **PLASTİK HAMMADDE KATEGORİSİNDE** gerçekleştirmiş olduğunuz performansla 82. sırada yer aldınız.

Ülkemiz ihracatına yaptığınız değerli katkılar için şükranlarımızı sunar, başarılı çalışmalarınızın devamını dileriz.

TÜRKİYE KİMYA İLE BÜYÜYOR

Adil Pelister
İKMİB Yönetim Kurulu Başkanı

GENERAL PURPOSE POLYESTER RESINS

This resin series are used for all general purpose applications with Hand lay-up and spray-up applications. They are designed for manufacturing the parts of building and construction, transportation and industrial applications.

Advantages:

- **Offer rapid and efficient wet-out.**
- **Have excellent mechanical properties, with good rigidity and dimensional stability.**
- **Suitable for use in hand lay-up, spray-up, pultrusion and cold press moulding processes.**
- **To produce composite parts for different applications like boats, buses, trucks, masonry, exterior architectural elements and cabins etc.**
- **Economical resin for GRP applications.**

Modifications:
TICO: Thixotropic & Accelerated
CO: Accelerated
AABP: Amine Accelerated
LSE: Low Styrene Emission
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity
UV: Contains UV Stabilizers

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-01	Ortho	350 – 500 @25°C 3 Sp. 20 rpm	5 – 8	@ 20°C % 0,2 Co Oct (6% sltn) %2 MEK-P (Butanox M60)	It is economical, low reactive resin. It is specially designed for non-critical fiberglass applications.	Hand Lay-Up, Laminating
NC-01 TIX	Ortho	500 – 750 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M50)		Hand Lay-Up, Spray-Up, Laminating
NC-02	Ortho	350 – 500 @25°C 3 Sp. 20 rpm	5 – 8	@ 25°C % 0,2 Co Oct (6% sltn) %2 MEK-P (Butanox M60)	It is medium reactive resin with good mechanical properties. It can be used for all types of fiberglass applications.	Hand Lay-Up, Laminating
NC-02 TIX	Ortho	500 – 750 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)		Hand Lay-Up, Spray-Up, Laminating
NC-03	Iso	400 – 800 @25°C 3 Sp. 20 rpm	6 – 10	@ 20°C % 0,2 Co Oct (6% sltn) %2 MEK-P (Butanox M60)	Medium reactive resin with high chemical, corrosion and heat resistance. Perfect fiber wetting property.	Hand Lay-Up, Laminating
NC-03 TIX	Iso	500 – 750 @20°C 2Sp. 20 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M50)	Medium reactive thix resin with high chemical, corrosion and heat resistance. Perfect fiber wetting property.	Hand Lay-Up, Spray-Up, Laminating
NC-04	Dcpd	400 – 600 @25 °C 3 Sp. 50 rpm	10 – 15	@ 20°C % 1 Co Oct (1% sltn) %1 MEK-P (Butanox M60)	Medium reactive resin, with low shrinkage and very good fiber wetting property. It is specially designed for fiber reinforcement products, automotive industry and other general purpose GRP industrial applications.	Hand Lay-Up, Laminating
NC-05	Dcpd	200 – 300 @25 °C 3 Sp. 20 rpm	10 – 20	@ 25°C % 1 Co Oct (1% sltn) %1 MEK-P (Butanox M60)		Hand Lay-Up, Laminating
NC-05 TIX	Dcpd	500 – 600 @25 °C 4 Sp. 50 rpm	15 – 25	@ 20°C %2 MEK-P (Butanox M60)	Thixotropic, pre-accelerated, medium reactive medium viscosity DCPD resin. It has excellent mechanical properties It is DCPD based general purpose laminating resin with air release additives. It offers rapid and efficient wet-out.	Hand Lay-Up, Laminating

CASTING TYPE POLYESTER RESINS

This resin series are used for casting purpose applications like bathtubs, wash basins, kitchen countertops and centrifuge devices etc.
Advantages:

- **Suitable for casting artificial marble and solid surface processing.**
- **High filler capacity and Low shrinkage.**
- **Economical resins that leaves elegant appearance on the final product.**
- **Good mechanical properties.**
- **Providing smooth and shiny surfaces.**

Modifications:
CO: Accelerated
UV: Contains UV Stabilizers
LSE: Low Styrene Emission
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-06	Ortho	400 -600 @25 °C 3 Sp. 20 rpm	4 – 8	@ 20°C % 0,2 Co Oct(6% sltn) %2 MEK-P (Butanox M60)	High filler capacity and Low shrinkage.	Casting
NC-07	Ortho	600 -800 @25°C 3 Sp. 20 rpm	13 – 15	@ 20°C % 0,2 Co Oct(6% sltn) %2 MEK-P (Butanox M60)	Application of this resin with granul particles provides a smooth, shiny and elegant appearance on the final product.	Solid Surface Casting

ENGINEERED STONE POLYESTER RESINS

This resin series are are specialized for Engineered Stone (BRETONSTONE® technology) applications. It is designed for filling, natural composite stone productions and Breton stone technology applications.
Advantages:

- **Excellent clear colour and transparency.**
- **Low shrinkage capacity.**
- **Suitable for hot curing processes.**
- **Easily applicable.**
- **Approved by Breton Italy.**
- **Providing smooth and shiny surfaces.**

Modifications:
UV: Contains UV Stabilizers
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-08	Ortho	400 -600 @25°C 3 Sp. 10 rpm	2 – 4	@ 80°C oil bath % 0,2 Co Oct(6% sltn) %2 TBPB (HC9)	This resin is designed especially for stone applications. It has a low shrinkage and with high mechanical properties. This resin had been approved by Breton Italy.	Engineered Stone
NC-09	Ortho	450 -600 @25°C 3 Sp. 10 rpm	2 – 4	@ 80°C oil bath % 0,2 Co Oct(6% sltn) %2 TBPB (HC9)		Engineered Stone

PUTTY TYPE POLYESTER RESINS

This DCPD based resin series is designed for use in priming application . Suitable using for repairing car bodyworks, boats, fill and assemble glass wool products.
Advantages:
- **High filling power.**
- **Easy sandability.**
- **Excellent chemical and physical resistance.**
- **Cold curing properties. Good adhesion.**

Modifications:
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-10	Dcpd	450-550 @25 °C 3 Sp. 20 rpm	9 – 15	@20°C %2 BPO	Resin has cold curing properties. The paste has very good adhesion to metal, aluminum, wood and mineral surfaces.	Priming
NC-11	Dcpd	500-600 @20°C 3 Sp. 50 rpm	10 – 20	@20°C %2 BPO	Flexible resin which has cold curing properties. The paste has very good adhesion to metal, aluminum, wood and mineral surfaces.	Priming
NC-12	Dcpd	350 – 450 @25 °C 3 Sp. 20 rpm	6 – 8	@25°C %2 BPO	Hard resin which has cold curing properties. The paste has very good adhesion to metal, aluminum, wood and mineral surfaces.	Priming

BUTTON TYPE POLYESTER RESINS

This resin series are suitable for manufacturing of buttons with rod and centrifugal casting methods.
Advantages:
- **Excellent clarity and transparency.**
- **Ideal hardness and flexibility balances.**
- **Best curing characteristics.**
- **Compatible with pearlescent colors and pigment pastes.**
- **For button production for both rod and centrifugal**

Modifications:
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-13	Ortho	650 -800 @25°C 3 Sp. 20 rpm	7 – 14	@ 20°C % 0,1 Co Oct(6% sltn) %1 MEK-P (Butanox M60)	This resin is specialized for shirt button production. Suitable for centrifugal casting method.	Centrifugal Casting
NC-14	Ortho	650 -800 @25°C 3 Sp. 20 rpm	7 – 14	@ 20°C, % 0,1 Co Oct(6% sltn) %1 MEK-P (Butanox M60)	A-grade high quality resins for centrifugal casting processes and sheet casting buttons. Excellent clarity and transparency.	Centrifugal Casting

SMC & BMC TYPE POLYESTER RESINS

This resin series is used for Sheet Molding Compound (SMC) and Bulk Molding Compound(BMC) applications like production of various electronic parts, small and medium size automotive parts, lighting fixtures and many other industrial parts.

Advantages

- **High reactivity.**
- **High filler acceptance.**
- **Good dimensional stability.**
- **Excellent mechanical properties, heat and chemical resistant.**
- **Stable thickening behaviour.**

Modifications:
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-15	Ortho	1000 – 1300 @25°C 3 Sp. 20 rpm	3 – 7	@ 25°C % 0,25 Co Oct(6% sltn) %2 MEK-P (Butanox M50)	High-reactive, high-viscosity orthophthalic with excellent dimensional stability, mechanical properties, and resistance to heat and chemicals. Ideal for all Sheet Molding Compound (SMC) and Bulk Molding Compound (BMC) processes.	SMC & BMC

HIGH CHEMICAL CORROSION RESISTANT POLYESTER RESINS

This resin series are specialized in use of chemical storage tanks, pipes, scrubbers-absorbers, spray banks and re-circulators, spools, stack and chimney for petrochemical industries, pulp mills, power plants, marine vehicles, solar panel systems and polyester concrete flooring productions.

Advantages:

- **Resistant to chemical corrosion and high temperatures.**
- **High chemical and waters resistance.**
- **Compatible with fiberglass/ roving glass.**
- **Fast curing and excellent wet-out.**
- **Good adhesion.**

Modifications:
TICO: Thixotropic & Accelerated
CO: Accelerated
UV: Contains UV Stabilizers
AABP: Amine Accelerated
LSE: Low Styrene Emission
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-16	Iso / Npg	550 – 650 @23°C 4 Sp. 50 rpm	8 – 12	@ 23°C % 1 Co Oct(1% sltn) %1 MEK-P (Butanox M50)	Medium-high reactive resin with excellent mechanical and chemical properties. This resin has very high chemical, water and corrosion resistance.	High chemical, water, corrosion resistance
NC-17	Iso	300 – 450 @25°C 3 Sp. 20 rpm	10 – 20	@ 25°C % 1,5 Co Oct(1% sltn) %1,5 MEK-P (Butanox M60)	Medium reactive resin with high mechanical properties. This resin is suitable where chemical resistant is needed for filament winding applications.	High Chemical Resistant

CONTINUOUS LAMINATING POLYESTER RESINS

This resin series are suitable for continuous laminating sheet applications such as greenhouse covers and roofing systems. It is also preferred to produce foam sandwich panels, refrigerated vehicle panels, truck panels, and RV panels.

Advantages:

- Resin has high mechanical properties.
- Very good fiber wetting property.
- High-light transmittance.
- Excellent clear color and transparancy.

Modifications:
CO: Accelerated
UV: Contains UV Stabilizers
LSE: Low Styrene Emission
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-18	Ortho	200-250 @25°C 3 Sp. 20 rpm	3 – 5	@ 25°C % 1 Co Oct(1% sltn) %1 MEK-P (Butanox M60)	This resin has excellent fiber wetting property and high-light transmittance.	Continuous Laminating
NC-19	Dcpd	200 – 300 @25°C 3 Sp. 20 rpm	30 – 35	@ 25°C % 1 Co Oct(1% sltn) %1 MEK-P (Butanox M60)	Dcpd based non-thixotropic, non-accelerated, medium-high reactive, low-viscosity resin with a high HDT value.	Continuous Laminating
NC-20	Ortho	200-300 @25°C 3 Sp. 20 rpm	8 – 15	@ 25°C % 1 Co Oct(1% sltn) %1 MEK-P (Butanox M60)	Medium-high reactive, low-viscosity with excellent clarity and transparency. It offers superior fiber wetting properties and high light transmittance, with a high HDT value.	Continuous Laminating

ACRYLIC ABS BACK-UP POLYESTER RESINS

This resin series are suitable for manufacturing of shower trays, bathtubs and hot tubs as support for Acrylic sheets.

Advantages:

- High filling capacity
- Prevent draining when used on vertical or inclined surfaces.
- Spray-up & hand lay-up applications.
- Excellent adhesion on acrylic sheets.
- Acrylic back-up sheet applications

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-21	Ortho	1200-1800 @25°C 3 Sp. 20 rpm	10 – 25	@ 20°C %1 MEK-P (Butanox M60)	%40 $CaCO_3$ (Calcium carbonate) filled, white colored resin, ready to use for Acrylic Sheet, ABS back-up Applications.	ABS Back-up
NC-22	Ortho	12000 – 22000 @25°C 4 Sp. 5 rpm	10 – 20	@ 20°C %1 MEK-P (Butanox M60)	%40 $CaCO_3$ (Calcium carbonate) filled, white colored, more reactive resin, ready to use for Acrylic Sheet, ABS back-up Applications.	Acrylic

FILAMENT WINDING POLYESTER RESINS

This resin series are specially designed for use in filament winding applications. This resin series is suitable for manufacturing of different size FRP/GRPpipes and tanks.

Advantages:

- Excellent mechanical and chemical properties.
- Fast curing
- Efficient wet-out
- Compatible with roving glass.
- Excellent results with Large diameter FRP/GRP Pipe production

Modifications:
TICO: Thixotropic & Accelerated
CO: Accelerated
LSE: Low Styrene Emission
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-23	Ortho	250 - 350 @20°C 2 Sp. 20 rpm	10 – 20	@ 25°C, % 1 Co Oct(1% sltn) %1,1 MEK-P (Butanox M50)	Medium reactive resin with good mechanical properties. Fast curing and efficient wet-out.	Filament Winding
NC-24	Iso	300-450 @25°C 3 Sp. 20 rpm	10 – 20	@ 25°C, % 1,5 Co Oct(1% sltn) %1,5 MEK-P (Butanox M60)	Medium reactive resin with excellent mechanical properties. This resin has high resistance to chemicals, heat and water. Fast curing and efficient wet-out.	Filament Winding

PULTRUSION TYPE POLYESTER RESINS

This resin series are designed for use in pultrusion processes and suitable for production of structural profiles, rebars, posts and pipes of low diameter.

Advantages:

- Fast curing and high mechanical properties.
- Compatible with roving glass.
- High chemical, water and corrosion resistance.
- Used for pultrusion applications.

Modifications:
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-25	Iso	270 – 330 @20°C 2Sp. 20 rpm	6 – 12	@ 25°C % 0,3 Co Oct(6% sltn) %1,5 MEK-P (Butanox M50)	Medium-high reactive resin with high chemical, water and corrosion resistance.	Priming

NORTH COMPOSITE POLYESTER RESIN

QUALITY ASSURED FIRM ISO 9001 SGS

Lloyd's Register

REACH COMPLIANCE

MADE IN TÜRKİYE MADE IN

RTM / INFUSION

This resin series are designed for use in Resin Transfer Moulding (RTM) and infusion applications.
Advantages:

- **Low viscosity.**
- **Good impact resistance.**
- **Excellent fiber wet-out.**
- **Used for vehicle parts and water slide productions etc.**
- **Allows for high quality GRP parts on both surfaces.**

Modifications:
CO: Accelerated
HV: High Viscosity
LV: Low Viscosity
SV: Special Viscosity

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-26	Ortho	250 – 350 @25°C 3 Sp. 20 rpm	10 – 12	@ 20°C, % 0,1 Co Oct(1% sltn) %1 MEK-P (Butanox M50)	Economic grade resin with medium reactivity for RTM applications.	RTM
NC-26 TIX	Ortho	500 – 750 @25°C 4 Sp. 50 rpm	15 – 25	@ 25°C %2 MEK-P (Butanox M60)		RTM
NC-27	Ortho	150 – 250 @20°C 2 Sp. 20 rpm	22 – 24	@ 20°C %1 MEK-P (Butanox M60)	Medium reactive, pre-accelerated resin with 30-35% filler capacity and low shrinkage property. Suitable for RTM processes. High HDT.	RTM
NC-28	Ortho	160 – 180 @20°C 2 Sp. 20 rpm	22 – 24	@ 20°C %1 MEK-P (Butanox M60)	Medium reactive, pre-accelerated resin with 30-35% filler capacity and low shrinkage property. Suitable for Infusion processes. High HDT.	Infusion
NC-29	Iso	150 - 250 @20° C 2 Sp. 20 rpm	22 – 24	@ 20°C %1 MEK-P (Butanox M60)	Medium reactive, pre-acce resin with 30-35% filler capacity and low shrinkage property. It has very good mechanical properties. Suitable for RTM processes. High HDT.	RTM
NC-30	Iso	160 - 180 @20°C 2 Sp. 20 rpm	22 – 24	@ 20°C %1 MEK-P (Butanox M60)	Medium reactive, pre-acc resin with 30-35% filler capacity and low shrinkage property. It has very good mechanical properties. Suitable for Infusion processes. High HDT.	Infusion

PACKING

	18 Kg Pail		230 Kg Drum		1.100 Kg IBC		Iso Tank Container

GENERAL PURPOSE GELCOATS

This general purpose gelcoat series is suitable for non-critical parts where chemical resistance, heat and water resistance are not at a high level. This gelcoat series is formulated for production of kitchen tubs, spoiler, cabins, interior decoration, shower units, utility boxes, spoilers, game parks, truck trailers, cooling towers.
Advantages:
- **Very good resistance to yellowing and UV rays. Enhanced weatherability. Excellent pigmentation**

Modifications:
S: Spray-Up
H: Hand Lay-up
T: Transparent
W: White

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-100 T	Ortho	1200-1500 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated, medium reactive, transparent gelcoat with containing UV absorbers and providing excellent pigmentation. Formulated for use in general industrial applications.	Spray-up
NC-100 W	Ortho	1200-1500 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated, medium reactive, white gelcoat with containing UV absorbers and providing excellent pigmentation. Formulated for use in general industrial applications.	Spray-up
NC-101 T	Ortho	2.500-4.000 s @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated, medium reactive, transparent gelcoat with containing UV absorbers and providing excellent pigmentation. Formulated for use in general industrial applications.	Hand lay-up
NC-101 W	Ortho	2.500-4.000 s @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated, medium reactive, white gelcoat with containing UV absorbers and providing excellent pigmentation. Formulated for use in general industrial applications.	Hand lay-up

PERFORMANCE GELCOATS

This performance gelcoat series is suitable for products where high resistance to water and atmospheric conditions are required and where the aesthetic appearance is important besides high chemical and physical resistance properties. This gelcoat series is formulated for cultured marble, artificial marble, automotive, marine, contruction and tank applications.
Advantages:
- **Very good resistance to yellowing and UV rays. High resistance to heat and chemicals. Used in all areas where the product aesthetics and brightness are frontal.**

Modifications:
S: Spray-Up
H: Hand Lay-up
T: Transparent
W: White

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-200 T	Ortho / Npg	1200-1500@25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive transparent gelcoat with containing UV absorbers. Providing high resistance to heat and chemicals.	Spray-up
NC-200 W	Ortho / Npg	1200-1500@25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, white gelcoat with containing UV absorbers. Providing high resistance to heat and chemicals.	Spray-up
NC-201 T	Ortho / Npg	1200-1500@25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, transparent gelcoat with containing UV absorbers. Providing high resistance to heat and chemicals.	Hand lay-up
NC-201 W	Ortho / Npg	1200-1500@25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, white gelcoat with containing UV absorbers. Providing high resistance to heat and chemicals.	Hand lay-up

HIGH PERFORMANCE GELCOATS

This high performance gelcoat series is suitable for products where excellent resistance to chemicals, heat and water is needed, with a high resistance to thermal shock, UV, scratch / tear, wrinkle and fade. This gelcoat series can easily be used in outdoor applications as it is formulated for use in sectors such as construction, transportation, and automotive industries. It is also suitable for general mold processes.
Advantages:
- High UV absorbing capacity. Good resistance to yellowing. High resistance to heat and chemicals. Excellent to achieve desired aesthetics and brightness.

Modifications:
S: Spray-Up
H: Hand Lay-up
T: Transparent
W: White

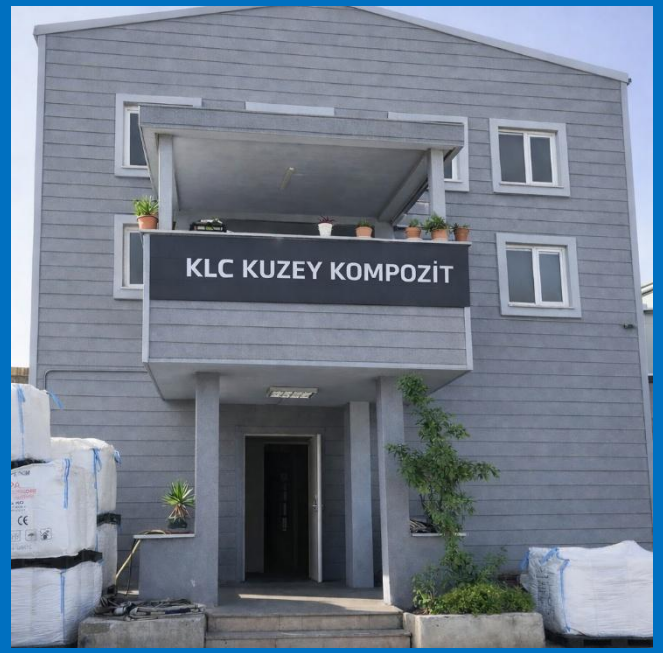
Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-300 T	Iso / Npg	1200-1500 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, transparent gelcoat with containing UV absorbers. Providing excellent resistance to chemicals heat and water.	Spray-up
NC-300 W	Iso / Npg	1200-1500 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, white gelcoat with containing UV absorbers. Providing excellent resistance to chemicals heat and water.	Spray-up
NC-301 T	Iso / Npg	2.500-4.000 s @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, transparent gelcoat with containing UV absorbers. Providing excellent resistance to chemicals heat and water.	Hand lay-up
NC-301 W	Iso / Npg	2.500-4.000 s @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, white gelcoat with containing UV absorbers. Providing excellent resistance to chemicals heat and water.	Hand lay-up

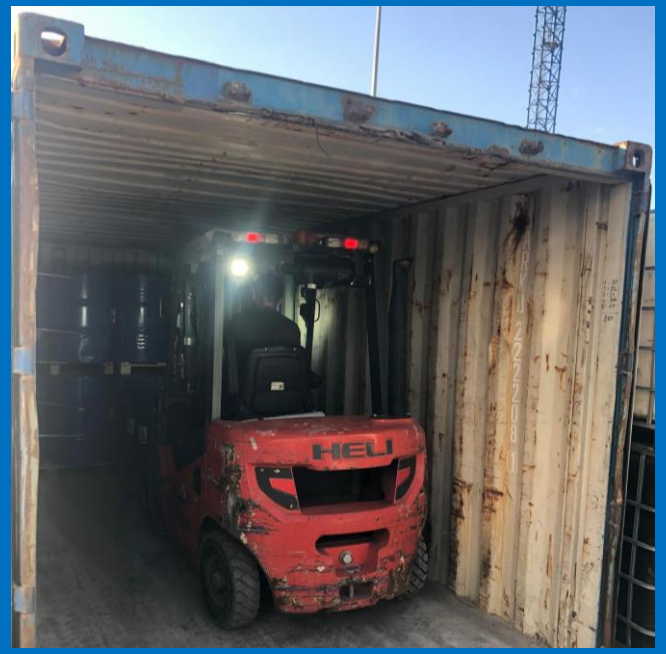
MARINE TYPE GELCOAT

This marine gelcoat series is specialized for marine applications. This gelcoat series has excellent resistance to heat and water, with a high resistance to thermal shock, UV, scratch / tear, wrinkle and fade. This gelcoat series is formulated for use in boats, yachts and marine industry.
Advantages:
- High UV absorbing capacity. Good resistance to yellowing. High resistance to heat and chemicals. Excellent to achieve desired aesthetics and brightness.

Modifications:
S: Spray-Up
H: Hand Lay-up
T: Transparent
W: White

Code	Base	Viscosity (cps)	Gel Time (min)	Curing System	Features	Applications
NC-400 T	Iso / Npg	1200-1500 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, transparent gelcoat with containing UV absorbers. Providing excellent resistance to water and heat. Specialized for marine industry.	Spray-up
NC-400 W	Iso / Npg	1200-1500 @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, white gelcoat with containing UV absorbers. Providing excellent resistance to water and heat. Specialized for marine industry.	Spray-up
NC-401 T	Iso / Npg	2.500-4.000 s @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, transparent gelcoat with containing UV absorbers. Providing excellent resistance to water and heat. Specialized for marine industry.	Hand lay-up
NC-401 W	Iso / Npg	2.500-4.000 s @25°C 4 Sp. 50 rpm	15 – 25	@ 20°C %1 MEK-P (Butanox M60)	Pre-accelerated medium reactive, white gelcoat with containing UV absorbers. Providing excellent resistance to water and heat. Specialized for marine industry.	Hand lay-up





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