

Ermenegildo Zegna

the wool mill

INTRODUCTION

The Zegna Wool Mill founded in 1910, has been the backbone of the company's success and is renowned internationally for the world's finest textiles. Four generations of the Zegna family have led the success in textiles, through innovation, carefully balancing science with nature and craftsmanship with technology.

The complete production process is carried out by Ermenegildo Zegna – from raw material selection to finishing. Commitment to quality and the use of modern technology to back up artisan craftsmanship is the living tradition linking past, present and future.

Over the last hundred years, the Lanificio has pioneered sophisticated men's fabrics to become lighter, softer, more refined and with an improved performance and functionality. Consequently, new fabric standards have been set and new construction methods have emerged in the luxury men's tailoring and casual industries.



THE FABRICS

Basing itself on all the years of experience it has acquired, while at the same time constantly investing in research and new technology, the Ermenegildo Zegna wool mill has concentrated mainly on the production of high quality wool, cashmere and mohair fabrics. In other words, the best there could possibly be in the world in terms of noble fibers.

Fabrics differ in terms of the raw materials used, naturally, and whether they are worsted or woollen.

Worsted fabrics are generally cooler and lighter (nearly all fabrics weighing under 250 g are worsted) and have a more satin-like (less "fuzzy") appearance. Worsted fabrics are made from longer fibers, which produce finer yarns. Worsted yarns can also be high-twisted, which increases strength and crease recovery and gives the fabric a cooler, drier handle. Examples include High Performance and fabrics in the Traveller family.

Woollen fabrics have a bulkier look, are warmer (not so much because of their weight as the finishes applied to them) and are used mainly for winter wear. Woollen fabrics are made with shorter fibers, which tend to "stick out" from the yarn, giving the fabric its characteristic fuzzy, full and warm appearance. Woollen fabrics are generally heavier than worsted ones. In the finishing stages, they can be fulled and gauzed (brushed) to make the hair rise from the surface and accentuate volume and softness. Of the woollen products from Lanificio Ermenegildo Zegna, the most outstanding are the cashmere fabrics and accessories: precious, soft, warm, comfortable and always innovative.



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15MILMIL15 – 14MILMIL14 – 13MILMIL13

Ongoing efforts to improve raw materials and technical developments at the Ermenegildo Zegna Wool Mill over the past half century gave the market a constant stream of very light fabrics such as the “15milmil15” (1996) or the “14milmil14”, and finally the acme of exclusiveness, the “13milmil13”, the result of selection from the Ermenegildo Zegna Vellus Aureum Trophy. These names refer to the fineness of the woolen fiber used in the fabrics, respectively 15, 14 and 13 micron (1 micron = 1 thousandth of a millimeter). To appreciate how exceptional this is, one need only reflect that a human hair measures around 50 - 60 micron.



15milmil15

Only selected fibers 15 microns in diameter go into this exclusive 15 MILMIL15 (100% wool) fabric from the Ermenegildo Zegna wool mill. Softness and innate elegance make it indispensable for suits in perfect harmony with the finest Italian sartorial tradition. The 15MILMIL15 SILK version (51% silk, 49% wool) is the result of blending the most precious wool with the natural sheen of silk, and is dedicated to those who are particularly fond of extraordinarily lustrous garments. 15 MILMIL15 LINEN (55% linen, 45% wool) is created by blending superfine wools with linen to create a cool fabric ideal for summer.

14milmil14

The innovative 14 MILMIL 14 (100% wool) is distinguished by the extraordinary fineness of its fibers, measuring 14 microns in diameter, which ensures a pleasing handle and extreme comfort. This is an exclusive fabric produced from limited quantities of superfine merino wool.

13milmil13

Only few fleeces reach this fineness and are selected from the Vellus Aureum Trophy, which Ermenegildo Zegna chooses and submits to a panel of independent experts. Fineness, cleanness, regularity, appearance, style and length make this fabric unique.

TROFEO

Trofeo is a Lanificio Ermenegildo Zegna classic.

A byword for excellence, this is a staple of the Couture collection. Strength, softness and resiliency are the main characteristics of Trofeo (100% wool), a worsted fabric made of prestige Australian Superfine merino wool with long fibers.

Lanificio Ermenegildo Zegna enhances the characteristics of this fabric in a series of innovative versions differing in weave, weight and type of finish. Trofeo is ideal for formal and elegant garments. The most recent version of the legendary TROFEO® fabric is the TROFEO® 600 (85% wool, 15% silk), which revisits the encounter between wool and extra-fine silk.



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HIGH PERFORMANCE

Cool and extraordinarily crease-proof, this is made of high-twist superfine yarns and has a crisp handle. High Performance was created by the Lanificio in the mid '80s and caused a revolution in consumers' purchasing habits, helping to establish wool as a summer fabric as well. Its open weave keeps the body well aired and dry and therefore cooler. In its High Performance Silk, the Lanificio Ermenegildo Zegna has found an innovative solution in a wool and silk blend that combines the sophistication and performance of both fibers to perfection.



High Performance Micronsphere

The undisputed qualities of High Performance are here enhanced by the exclusive characteristics of Micronsphere, a revolutionary treatment guaranteeing absolute resistance to stains (by preventing dirt from penetrating in depth) without affecting the natural softness of the yarn. Using nano-technology, High Performance is given a surface similar to that of a lotus leaf, which doesn't absorb extraneous particles. Micronsphere treatment also ensures anti-stain performance that is long-lasting.

HIGH PERFORMANCE® COOL EFFECT is the latest development of this exclusive Ermenegildo Zegna fabric. The innovative Cool Effect finishing enables the surface of dark fabrics to reflect direct sunlight, thus keeping the garment cool.

CASHCO

Cashco is a soft, lightweight revisiting of velvet, an unique fabric stemming from a new mixture of cotton and cashmere. Two fibers belonging to different seasons and different climates are combined by Lanificio Ermenegildo Zegna to produce a sophisticated yet informal looking fabric.

An original idea that has engendered its own "free and easy" style. Cashco is versatile and has a soft, silky handle, which would be unusual in a traditional velvet. Another distinctive feature of this fabric is the extremely rich color palette. Unique characteristics that make this a fabric for all seasons.



TRAVELLER

The "easy" fabric par excellence, Traveller is made of very flexible and elastic superfine wool. Yarns are high-twisted to ensure a clean appearance and crisp handle.

Garments made of Traveller, in fact, are extremely resistant to creasing, for permanent and impeccable aplomb. Traveller is the ideal fabric for making comfortable and innovative garments for men who are always on the move.

Traveller micronsphere

In studying the leaves of the lotus, scientists discovered their almost magical property of staying clean: neither dirt nor water manages to stick to their structured surface. Zegna has developed a new finish that enables its TRAVELLER fabric to resist staining without affecting its performance characteristics and softness.



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CASHMERE DOUBLE

“Cashmere Double” is a double-faced cashmere: two separate fabrics “bound” together in the weaving stage: a real “double-face” masterpiece, ultimate elegance and luxury.

Pure cashmere fabric on one side, backed by a pleasantly bulky woolen cashmere on the other. It was designed for unique unlined jackets and coats, to enhance all the splendor of the purest cashmere.

The possibility of combining different colours on the surface of this fabric is one of its special features.



ELEMENTS

Since 2003, Zegna has been using its “Elements” fabric to create intelligent garments that automatically adapt to regulate body temperature in all weather conditions. Mimicking nature, “Elements” reproduces the “pine cone effect” and automatically opens or closes its pores to provide the right degree of warmth and protection for the most extreme climates.

When open, the pores in the microfiber membrane allow water vapor produced by temperature change to pass through; when closed, they deliver perfect insulation from the outside environment, making “Elements” the ideal garment for all seasons.



OASI CASHMERE

In 2008, Zegna launched the “Oasi Cashmere” project as a tribute to the nature reserve created by Ermenegildo Zegna in the mountains of Trivero in the Thirties and now an “Oasis” covering 100 square kilometers.

The “Oasi Cashmere” project revives medieval dyeing techniques to naturally dye pure cashmere yarns, using natural woods, herbs and pigments to create soft and unique colorations.

Garments are finished without any chemical additives, in a technique based on precise temperature regulation, thus ensuring the entire process is eco-friendly.



CROSSOVER

CROSSOVER is an unprecedented summer fabric. 15 micron superfine wool, prestige silk and cool linen are blended to create a fabric with extraordinary properties.

The unique combination of the finest natural fibers creates suiting that is extremely lightweight, breathable, sumptuously soft, and ideal for summer.



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COOL EFFECT

COOL EFFECT (100% wool), the latest cutting edge innovation from the Lanificio Ermenegildo Zegna, is the first fabric to guarantee protection against the heat of direct sunlight.

The exclusive COOL EFFECT finishing reflects direct sunlight in the same way as white colored fabrics. A stylishly relaxed approach for summer suiting.



PURO CASHMERE

Lanificio Ermenegildo Zegna selects only the best cashmere, which is then transformed into superior quality yarns, fabrics and knits thanks to sophisticated technology and in-depth knowledge of textile traditions.

The Wool Mill produces various cashmeres. No longer only plain for blazers and overcoats but also patterned fabrics for luxury jackets and suits. Special lightweight and super-soft versions are also produced for between-season wear.



SILK SKIN

Chinese silk, an extremely fine and lustrous fiber, and soft Egyptian cotton combine to produce Silk Skin, a full and elastic fabric ideal for plain velvet, with original characteristics, and a particularly sophisticated corduroy.

Finishing and dyeing give the fabric a handle and appearance perfect for sophisticated clothing but also for pleasantly informal leisure wear.



SHETLAIR

Lanificio Ermenegildo Zegna has successfully revived a taste for Shetland by creating a contemporary version of it.

Shetlair is a new mixture of lustrous South African mohair, exquisite Chinese cashmere and fine Australian merino wool.



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HERITAGE

Fabric characteristics typical of the '30s are given a modern twist to create the HERITAGE product family, based on fabrics from the Zegna archives.

HERITAGE combines technology and tradition: after selecting the wools to Ermenegildo Zegna's customarily rigorous criteria, the fabric is woven using the same number of yarns a centimeter as the original fabric, while the finishing is avant-garde.



MICRONSPHERE

The Ermenegildo Zegna Wool Mill has developed a new type of finishing that enables a fabric to immediately rid itself of stains. Using nanotechnology, it is possible to imitate nature by giving fabric a surface similar to that of a lotus leaf.

The result is superbly water repellent. Better still, accidental stains, such as wine, coffee, ketchup or honey, can be removed with just water, and without altering the fabric's performance characteristics or softness.



MOHAIR TROPHY

The challenge that the Ermenegildo Zegna Wool Mill set itself was to revolutionize mohair fabrics. Direct sourcing in the country of origin of raw material ensuring excellence in terms of fineness, strength and regularity made it possible to create a superfine mohair fabric.

CAPE TOWN MOHAIR TROPHY, the result, evokes South Africa and its enthralling landscapes.

