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ارك اند جري

لمقاولات البناء (ش ذ م م)

ARC & GREY

BUILDING CONTRACTING LLC

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**DUBAI
SCREEDING**

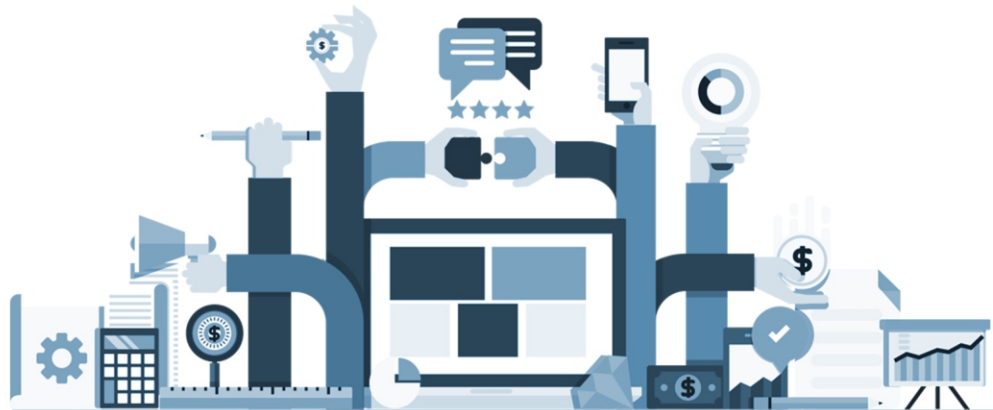
INTRODUCTION



Arc & Grey Building Contracting LLC is a registered company established in Dubai in 2015 and since then has been actively focusing Screed Concrete work in the UAE. Our team of specialists can help and assist you in finding the right solution for your project and deliver you with top quality workmanship & Execution.

A&G is a synonymous with the commitment & quality and has a reliable name keen on living up to a professional & Maintain a standard, Over and above a company thoroughly understand the requirement of the local Market.

We cater to a wide range of clients ranging from Main contractors, independent builders domestic & commercial customers. A&G is an expert team with a wealth of experience in the flooring and construction industry working on numerous major contracts in UAE. Our capabilities range from specialized floor screeding solutions for complex constructions, Villas, hotels, schools, hospitals, Industrial warehouse , commercial buildings to individual apartments .



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WHY CHOOSE ARC & GREY



When you choose Arc & Grey Building Contracting L.L.C

Services, you are guaranteed to get excellent site supervision and quality control in timely manner.

Our services aim to fulfil the specific requirements of the client, with whom we would expect to be a responsible and equivalent partner. Our reputation is one where we are considered to be reliable partners in completing



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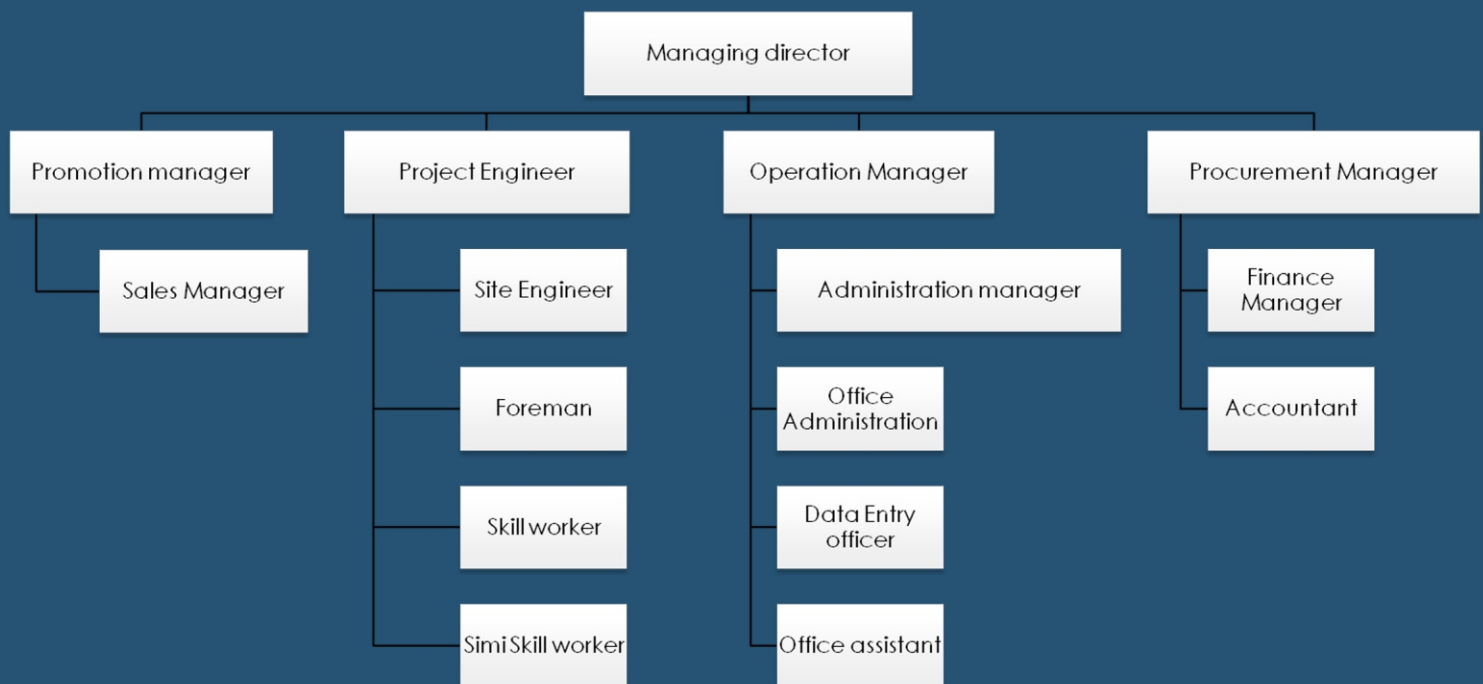
لمقاولات البناء (ش. ذ. م. م)

ARC & GREY

BUILDING CONTRACTING LLC



We maintain the highest standards and customer satisfaction is paramount to us -A&G have every confidence to install the perfect floor for all our Clients including commercial and domestic projects we will provide an excellent service which cannot be bettered by any competitors.



In UAE variety of screeding options now available, among them we are offering 4 options generally used for screed construction.

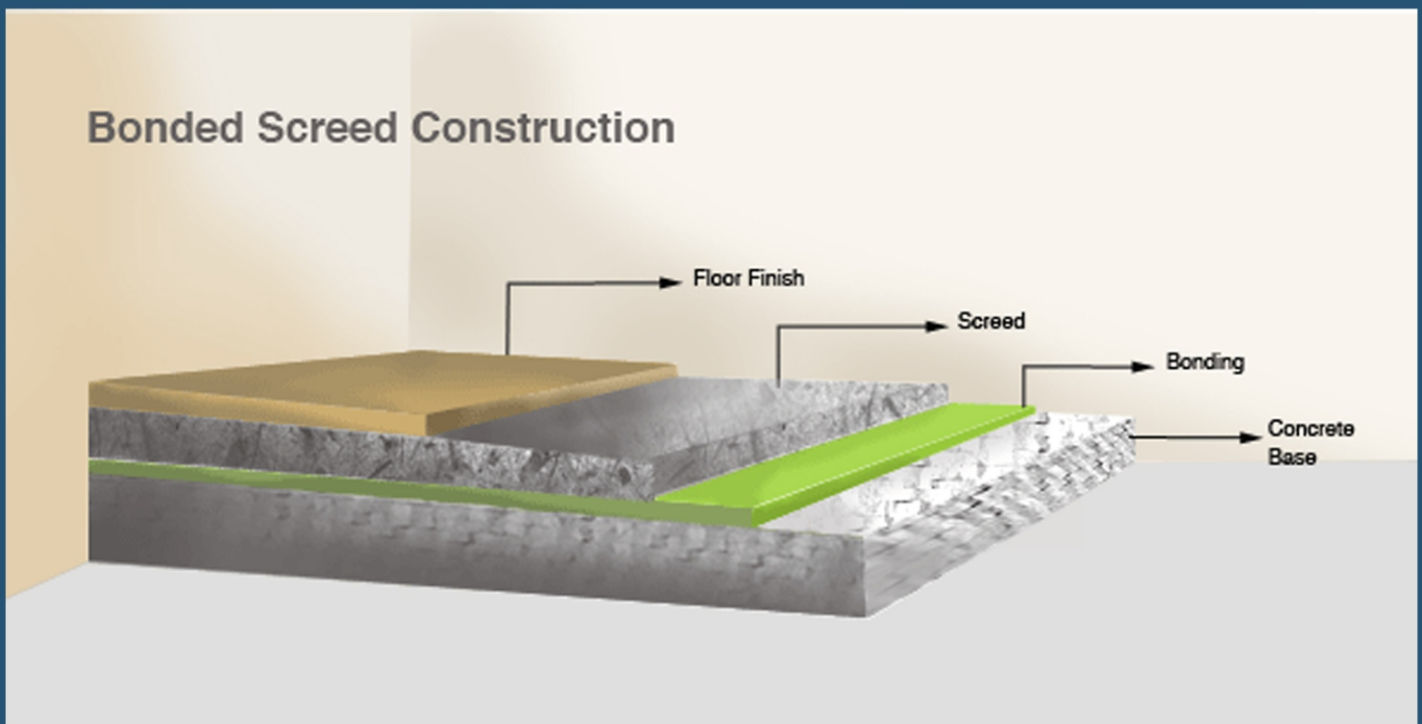
In an effort to explain those Four different type of screed constructions in a simplified form, we are showing diagrams (Courtesy: CSC Screeding) in sectional format for our valued decision makers.

We hope you will find this information helpful in choosing the right specification for your screeding project.

BONDED SCREED

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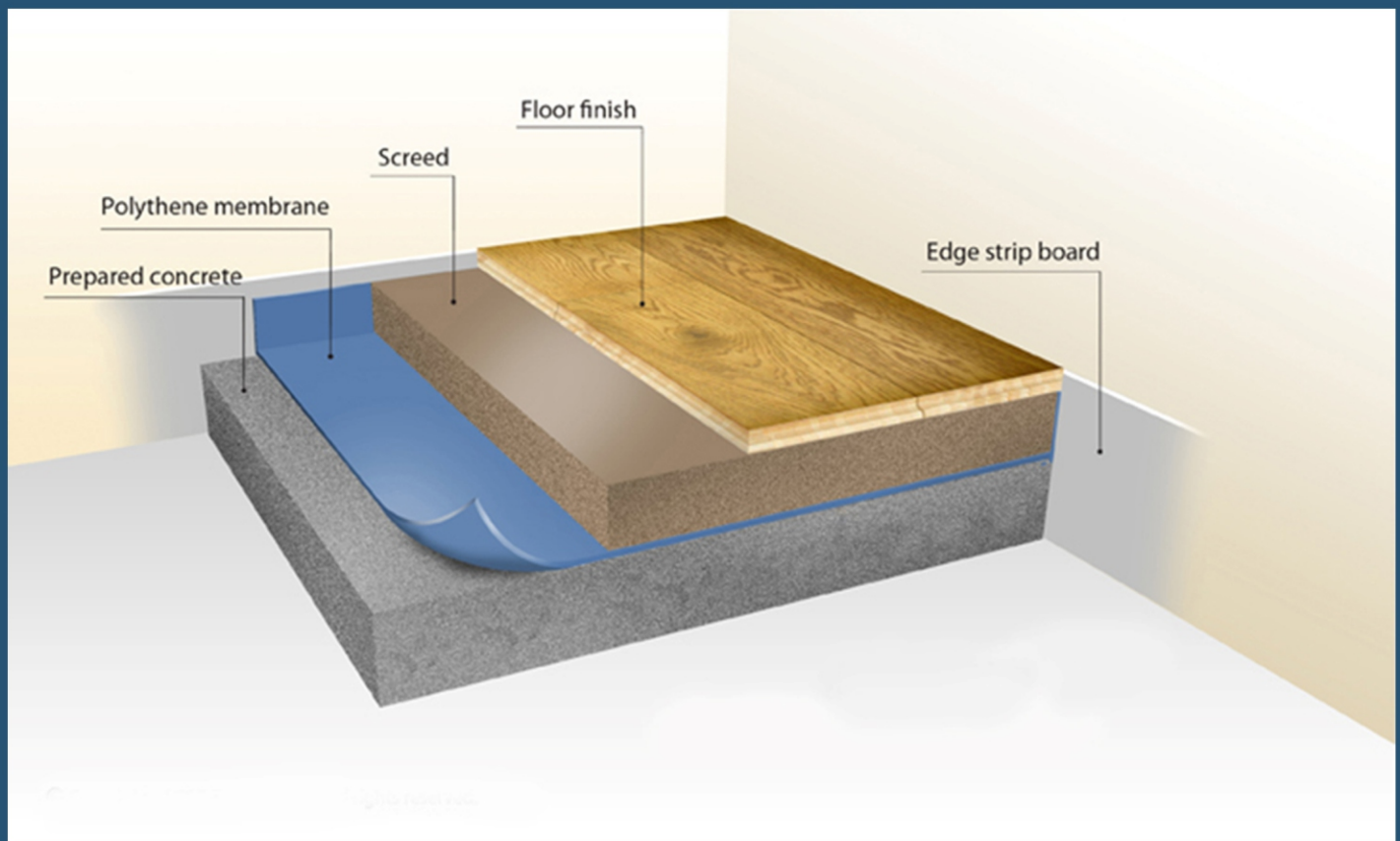
This is the type of screed where the screed layer is bonded fully to the substrate using a primer or bonding agent. This type of screed is ideal for thinner section screeds where heavy loading is expected. A bonded screed is generally of 15-30mm thick.



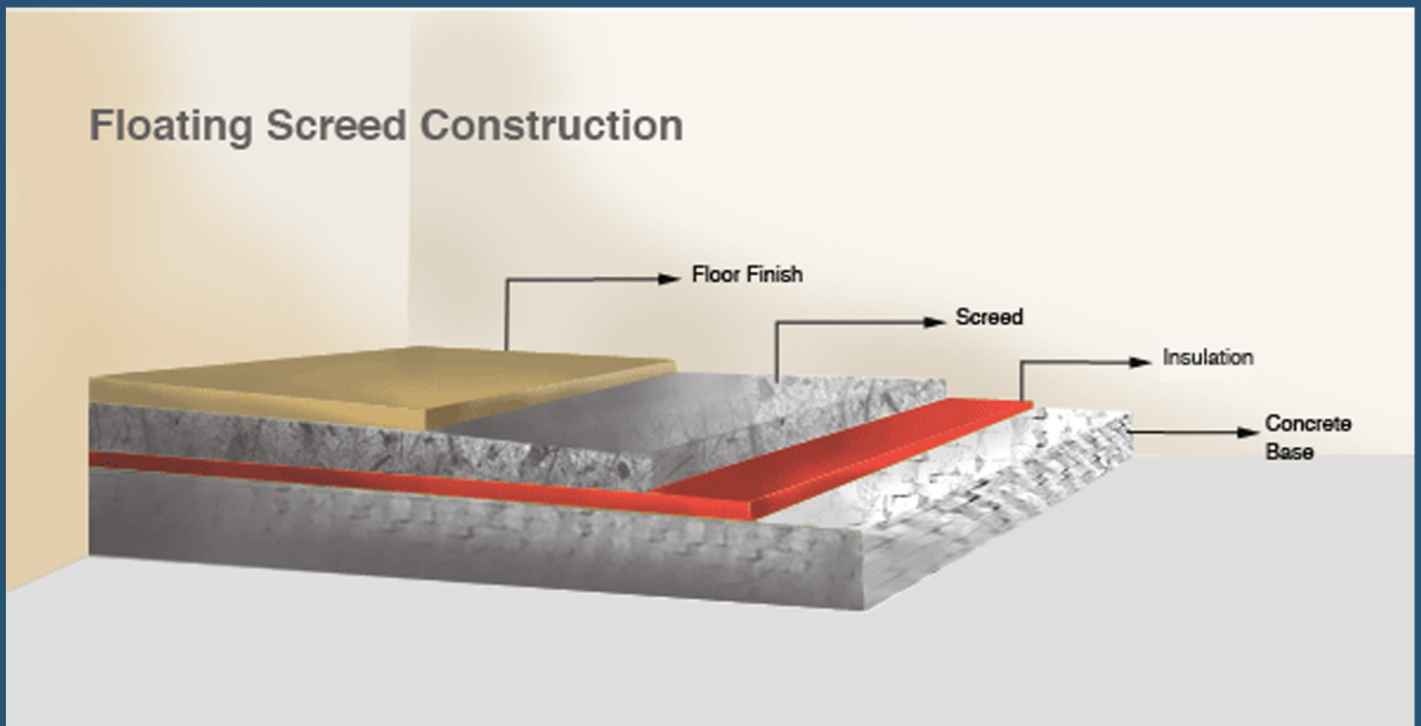
UN-BONDED SCREED

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As the name suggests, un-bonded screeds are not bonded directly to the base, as mechanical scabbing is not possible. Un-Bonded screed is applied to Polythene/ Damp Proof Membrane (DPM) laid on top of the concrete base, which separates it from the main slab. This type is ideal for thickness greater than 50mm for standard screed and 40mm for modified screeds.



For this type of screed, the screed layer is laid on top of insulation to create thermal insulated flooring.



The light weight screed is a foam cellular screeding material when applied over a structure concrete deck, it form a strong continuous, fireproof layer with considerable thermal insulation properties and provide effective slope for proper drainage.

The mixing and casting of the light weight screed is done with an automated machine mainly composed of mixer, aerator, pump, water reservoir, electric panel board and related accessories all set on special trailer.

The finished surface of the light weight screed is smooth, strong and easily repairable in case of any crack development. However, due to its relatively high shrinkage factor, in comparison to normal concrete or screed, the development of hair and minor cracks is an unavoidable phenomenon.



Screed Cutter

In hot weather, concrete might crack if joints are not cut within 6-12 hours after finishing Screed In this condition; we can Early- Entry Dry-Cut lightweight saws that can be used almost immediately after finishing instead of using a grooving tool to cut joints,. These saws cut 1" to 3" deep, depending on the model.



Power Float/Trowel

In hot weather, concrete might crack if joints are not cut within 6-12 hours after finishing Screed In this condition; we can Early- Entry Dry-Cut lightweight saws that can be used almost immediately after finishing instead of using a grooving tool to cut joints,. These saws cut 1" to 3" deep, depending on the model.



One way to achieve the proper elevation and smoothness is to use a screed. The screed's surface is generally smooth and flat, but it can be shaped in any formation to help you achieve the surface you need. Since no concrete pour is the same nor of the same size, different types of concrete screeds are needed. For achieving best results it is best to have the right tool for the right job.

1) Hand Mixing:

This is Suitable only for very small areas and is not Recommended for bigger projects, as the work is strenuous and the estimated Quantities and manual errors while mixing can seriously affect the quality of the Screed.



2) Ready Mix Screed:

Ready Mix Screed is considered to be a good option for work sites where the storage of materials is difficult. But there is always the drawback of heavy traffic posing as a hurdle in getting the screed at the site on time.

For this we have specially designed trolleys that can carry up to 1ton of mortar weight & can fit into lifts & enter into a small passage. It is Advantageous for pouring screed in areas where pumping is difficult or impossible, e.g. Glass closed buildings, working Area, shopping malls etc. Special mechanism allows Unloading in no time.



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OUR PROJECTS



Projects Name – AL Shamsi (Nad Al Sheba)

Main Contractor – Strength Contracting

Consultant - Dome Consulting

Projects Name- Injazzat Tower (G+12/ AL Jadaf -Dubai)

Main Contractor – Kele Contracting

Consultant- Golden Square

Projects Name- Dilip Karani Villa (Umm Al Shelf- Dubai)

Main Contractor – Karani Construction L.L.C

Consultant- Wanders werner Falasi Architect

Projects Name- AL Mizhar 1 –(Dubai)

Main Contractor – Great Leader Building Contracting L.L.C

Consultant - Future Design Consultant

Projects Name- Abu Shagara (G+10/Sharjah)

Main Contractor – We Care Building Contracting L.L.C

Consultant – Sharjah Engineering consultant

Projects Name- Ras AL Khor (G+4/Dubai)

Main Contractor – Green Bridge Building Contracting

Consultant - Abdullah & Associate consulting Arc and Eng

Projects Name- Radison Blue –(ACICIO Dubai)

Main Contractor –kele Contracting L.L.C

Consultant – Golden Square Consultant

Projects Name- Wafi Mall Project G+50 (Oud Mehta –Dubai)

Main Contractor – Al Fara's General Contracting

Consultant – Eskin Engineering Consultant

Projects Name- Ms Gemini Reality (G+8/Dubai)

Main Contractor – Green Bridge Building Contracting

Consultant – Dubai Consultant

Projects Name- Deepak Karani (Umm Al Suqeim 3 - Dubai)

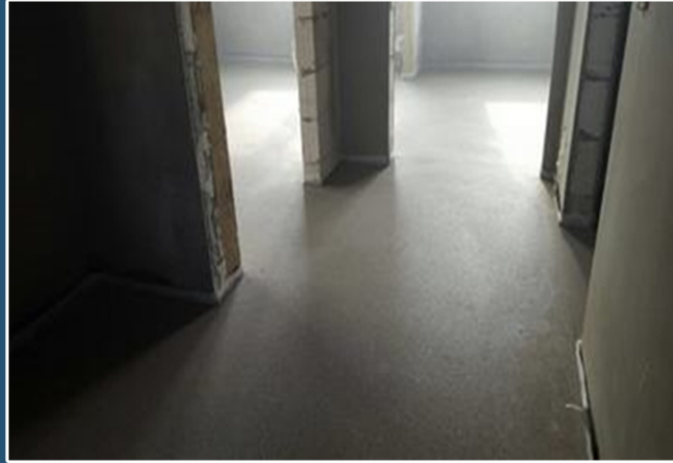
Main Contractor – Karani Construction L.L.C

Consultant- Wanders werner Falasi Architect

Projects Name- Dubai

Main Contractor – Hessen Al Khor Contracting Company

Consultant- Golden Square Engineering consultant







OUR EXECUTION DONE

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